

2016

**JOHNSON**  <sup>®</sup>

SINCE 1947





**Take a closer look at what separates Johnson from the rest...**

With more than 65 years of developing solutions to help professional tradesmen improve their work, Johnson products are trusted by professionals worldwide to help them work more accurately, more quickly and more reliably. Over the years, we have built a comprehensive portfolio of leveling, marking and layout tools which includes construction grade lasers, levels and squares.

In addition, Johnson is positioned to offer a broad spectrum of laser distance measures, measuring wheels, digital measuring tools, and digital levels and protractors. Like every product we supply, Johnson brand products are designed to offer a high quality tool that represents the highest value product available anywhere. Johnson has a reputation for exceptional service, education and everyday dependability to exceed expectations for quality and service.

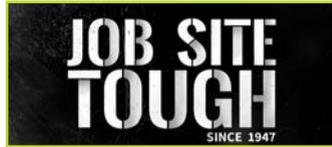
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## WARRANTY

We design it,  
engineer it,  
and stand  
behind it.



### 1 YEAR WARRANTY

Johnson Level warrants this product against defects in material and workmanship for one year after the confirmed purchase date. This warranty is limited to the repair or replacement of the product only, if it fails under normal use.



### 2 YEAR WARRANTY

Johnson Level warrants this product against defects in material and workmanship for two years after the confirmed purchase date. This warranty is limited to the repair or replacement of the product only, if it fails under normal use.



### 3 YEAR WARRANTY

Johnson Level warrants this product against defects in material and workmanship for three years after the confirmed purchase date. This warranty is limited to the repair or replacement of the product only, if it fails under normal use.



### LIMITED LIFETIME WARRANTY

Johnson Level warrants this product against defects in material and workmanship for life. This warranty is limited to the repair or replacement of the product only, if it fails under normal use.



### LIFETIME ACCURACY WARRANTY

Johnson Level warrants this product against defects in material and workmanship for life. Bent level frames void warranty. This warranty is limited to the repair or replacement of the product only, if it fails under normal use.



### LIFETIME GUARANTEE

Johnson Level warrants this product against defects in material and workmanship for life. Bent level frames void warranty. This warranty is limited to the repair or replacement of the product only, if it fails under normal use.



For information on how to submit a warranty claim, please visit our website at [www.johnsonlevel.com/warranty](http://www.johnsonlevel.com/warranty) or call customer service at 888-9-LEVELS.

# LASERS



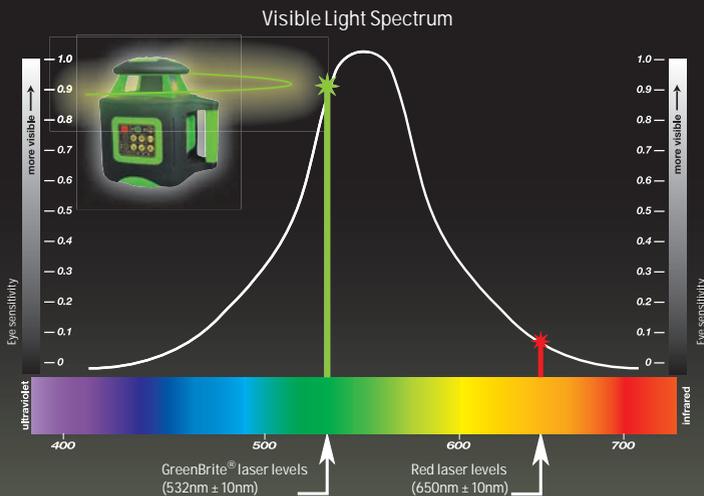
**ROTARY LASERS**  
**PIPE LASERS**  
**DOT LASERS**  
**COMBINATION LINE & DOT LASERS**  
**LINE LASERS**  
**TORPEDO LASERS**  
**SHEAVE ALIGNMENT & INDUSTRIAL LASERS**  
**MSHA MINING LASERS**  
**ACCESSORIES**

# Bright Ideas

## Professional Accuracy, High-Visibility Lasers

Color comes from light made up of different wavelengths or frequencies. Different frequencies make different colors. The range of colors that are visible to the human eye can be found on the Visible Light Spectrum Chart. These colors range from 390nm to 780nm with the most visible colors falling between yellow and green.

These laws of physics are the motivating factor in the development of Johnson's innovative GreenBrite® technology in our laser levels. Green beam rotary lasers are 400% more visible to the human eye than standard red beam lasers.



## Electronic Self-Leveling Digital Dual Grade Horizontal Rotary Laser Kit

### MODEL 40-6584

- Programmable dual slope function allows user to perform slope at different inclinations in both x and y axis
- Electronic beam shield to turn the laser beam off in one to three quadrants
- Large ±8° electronic self-level range. When beyond the leveling range, the laser beam will flash, rotation of the beam will stop, and an audible alarm will activate
- Height of Instrument/Tilt alarm function ensures product accuracy
- Operates with radio frequency remote control
- LCD display with backlight illumination
- Manual mode allows unit to tilt to extreme angles
- Two rotation speeds: 600 and 1100 RPM



**40-6584 KIT INCLUDES >** Laser, Li-ion rechargeable battery pack, alkaline battery compartment (batteries not included), Li-ion battery adapter, remote control with 2 "AA" batteries, detector with 9V battery and clamp, sighting scope, slope plate, fine adjustment plate, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm ± 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/16"/100 ft. (±1.5mm/30m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 2000 ft. (610m) diameter with detector
Remote Range	Up to 200 ft. (60m) diameter
Auto-Leveling Range	±8°
Grade Setting	X-Axis - 10% to + 10% Y-Axis - 1% to + 25% X + Y = 20%
Power Supply	Li-ion rechargeable battery pack and Li-ion battery adapter (included), 3 "D" alkaline batteries (not included)
Battery Life	Approximately 40 hours with rechargeable battery pack; 100 hours with alkaline batteries
Dimensions	7.08" x 9.25" x 9.76" (235 x 180 x 248mm)
Weight	7.275 lbs. (3.3kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Rotation Speeds	600 and 1100 RPM
Center Screw Thread	5/8"-11
IP Protection Class	66
Limited Warranty	3 years with store receipt

## Electronic Self-Leveling Digital Dual Grade Horizontal & Vertical Rotary Laser Kit

Patented

### MODEL 40-6582

- Programmable dual slope function allows user to perform slope at different inclinations in both x and y axis
- Large  $\pm 8^\circ$  electronic self-level range. When beyond the leveling range, the laser beam will flash, rotation of the beam will stop, and an audible alarm will activate
- Height of Instrument/Tilt alarm function ensures product accuracy
- Operates with radio frequency remote control
- LCD display with backlight illumination
- Manual mode allows unit to tilt to extreme angles
- Adjustable rotation speeds of 300, 600 and 1100 RPM



**40-6582 KIT INCLUDES >** Laser, Li-ion rechargeable battery pack, alkaline battery compartment (batteries not included), Li-ion battery adapter, remote control with 2 "AA" batteries, detector with 9V battery and clamp, sighting scope, vertical bracket, fine adjustment plate, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/16"/100$ ft. ( $\pm 1.5$ mm/30m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 2000 ft. (610m) diameter with detector
Remote Range	Up to 200 ft. (60m) diameter
Auto-Leveling Range	$\pm 8^\circ$
Grade Setting	X-Axis - 10% to + 10% Y-Axis - 10% to + 10% Dual Axis X + Y = 14%
Power Supply	Li-ion rechargeable battery pack and Li-ion battery adapter (included), 3 "D" alkaline batteries (not included)
Battery Life	Approximately 40 hours with rechargeable battery pack; 100 hours with alkaline batteries
Dimensions	7.08" x 9.25" x 9.76" (235 x 180 x 248mm)
Weight	7.275 lbs. (3.3kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Rotation Speeds	300, 600, 1100 RPM
Laser Beam Modes	0°, 10°, 45°, 90°, 180°
Center Screw Thread	5/8"-11
IP Protection Class	66
Limited Warranty	3 years with store receipt

## Electronic Self-Leveling Digital Dual Grade Horizontal Rotary Laser Kit

Patented

### MODEL 40-6580

- LCD digital display with backlit illumination
- Programmable dual slope function allows user to perform slope at different inclinations in both x and y axis
- Electronic beam shield to turn the laser beam off in one to three quadrants
- Large  $\pm 5^\circ$  electronic self-level range. When beyond the leveling range, the laser beam will flash, rotation of the beam will stop, and an audible alarm will activate
- Height of Instrument/Tilt alarm function ensures product accuracy
- Operates with remote control
- Adjustable rotation speeds of 0, 300, 600 and 1100 RPM



**40-6580 KIT INCLUDES >** Laser, NiMH rechargeable battery pack, 9V battery adapter, remote control with 9V battery, detector with 9V battery and clamp, sighting scope, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/16"/100$ ft. ( $\pm 1.5$ mm/30m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 2000 ft. (610m) diameter with detector
Remote Range	Up to 200 ft. (60m) diameter
Auto-Leveling Range	$\pm 5^\circ$
Grade Setting	Single axis -7.999% to +7.999% Double axis X + Y = 12%
Power Supply	NiMH rechargeable battery pack and 9V adapter (included), 4 "D" alkaline batteries (not included)
Battery Life	Approximately 50 hours with rechargeable battery pack; 100 hours with alkaline batteries
Dimensions	8.66" x 8.66" x 11.02" (220 x 220 x 280mm)
Weight	11 lbs. (5kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Rotation Speeds	0, 300, 600, 1100 RPM
Center Screw Thread	5/8"-11
IP Protection Class	66
Limited Warranty	3 years with store receipt

## Electronic Self-Leveling Horizontal & Vertical Rotary Laser Kit with GreenBrite® Technology

**MODEL 40-6546**  
**MODEL 40-6548**

- Green beam is 400% more visible than red beam
- Designed for indoor and outdoor applications
- Electronically-controlled dual slope feature
- Electronic self-leveling horizontally and vertically
- Laser beam modes include four adjustable line lengths and three rotational speeds
- Three rotational speeds: 0, 300 and 800 RPM
- Visual and audible alarms when beyond leveling range
- Height of Instrument/Tilt alarm function ensures product accuracy



**40-6546 KIT INCLUDES** > Laser, Li-ion rechargeable battery pack, alkaline battery compartment (batteries not included), Li-ion battery adapter, remote control with 9V battery, wall/ceiling mount, magnetic target, tinted glasses, instruction manual with warranty card, hard-shell carrying case



**40-6548 KIT INCLUDES** > Laser, Li-ion rechargeable battery pack, alkaline battery compartment (batteries not included), Li-ion battery adapter, remote control with 9V battery, detector with 9V battery and clamp, wall/ceiling mount, magnetic target, tinted glasses, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	532nm±10nm (Green)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/16"/100 ft. (±1.5mm/30m)
Interior Range	Up to 400 ft. (120m) diameter depending upon light conditions
Exterior Range	Up to 1400 ft. (427m) diameter with detector (included in 40-6548)
Remote Range	Up to 200 ft. (60m) diameter
Slope	±5°
Auto-Leveling Range	±5°
Power Supply	Li-ion rechargeable battery pack and Li-ion battery adapter (included), 3 "C" alkaline batteries (not included)
Battery Life	Approximately 25 hours with rechargeable battery pack; 16 hours with alkaline batteries
Dimensions	8.62" x 6.30" x 7.95" (219 x 160 x 248mm)
Weight	5.47 lbs. (2.4kg)
Working Temperature	32°F to 104°F (0°C to +40°C)
Center Screw Thread	5/8"-11
Rotation Speeds	0, 300, 800 RPM
Laser Beam Modes	0°, 10°, 45°, 90°, 180°
IP Protection Class	66
Limited Warranty	3 years with store receipt

## Electronic Self-Leveling Horizontal & Vertical Rotary Laser Kit with GreenBrite® Technology

**MODEL 40-6544**

- Green beam is 400% more visible than red beam
- Electronically-controlled dual slope feature
- Electronic self-leveling horizontally and vertically
- Laser beam modes include dot, two adjustable line lengths and two rotational speeds
- Two rotational speeds: 200 and 500 RPM
- Visual and audible alarms when beyond leveling range
- Height of Instrument/Tilt alarm function ensures product accuracy



**40-6544 KIT INCLUDES** > Laser, NiMH rechargeable battery pack, alkaline battery compartment (batteries not included), 6.4V battery adapter, remote control with 9V battery, wall/ceiling mount, tinted glasses, target, instruction manual and warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	532nm±10nm (Green)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/100 ft. (±1mm/10m)
Interior Range	Up to 400 ft. (120m) diameter depending upon light conditions
Exterior Range	Up to 1200 ft. (365m) diameter with detector (not included)
Remote Range	Up to 200 ft. (60m) diameter
Slope	±5°
Auto-Leveling Range	±5°
Power Supply	NiMH rechargeable battery pack and 6.4V adapter (included)
Battery Life	Approximately 24 hours with rechargeable battery pack; 40 hours with alkaline batteries
Dimensions	8.62" x 6.29" x 7.95" (219 x 160 x 202mm)
Weight	4.4 lbs. (2kg)
Working Temperature	32°F to 104°F (0°C to +40°C)
Center Screw Thread	5/8"-11
Rotation Speeds	200 and 500 RPM
Laser Beam Modes	0°, 30°, 60°
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Electronic Self-Leveling Horizontal & Vertical Rotary Laser

**MODEL 40-6557**  
**MODEL 40-6558**  
**MODEL 40-6559**

- Designed for indoor and outdoor applications
- Electronically-controlled dual slope feature
- Electronic self-leveling horizontally and vertically
- Laser beam modes include four adjustable line lengths and three rotational speeds
- Three rotational speeds: 0, 300 and 800 RPM
- Visual and audible alarms when beyond leveling range
- Height of Instrument/Tilt alarm function ensures product accuracy

**40-6557 KIT INCLUDES** > Laser, Li-ion rechargeable battery pack, alkaline battery compartment (batteries not included), Li-ion battery adapter, remote control with 9V battery, detector with 9V battery and clamp, magnetic target, tinted glasses, instruction manual with warranty card, hard-shell carrying case

**40-6558 SYSTEM INCLUDES** > Laser, Li-ion rechargeable battery pack, alkaline battery compartment (batteries not included), Li-ion battery adapter, remote control with 9V battery, detector with 9V battery and clamp, magnetic target, tinted glasses, aluminum tripod, 13 ft. grade rod, instruction manual with warranty card, hard-shell carrying case

**40-6559 SYSTEM INCLUDES** > Laser, Li-ion rechargeable battery pack, alkaline battery compartment (batteries not included), Li-ion battery adapter, remote control with 9V battery, detector with 9V battery and clamp, magnetic target, tinted glasses, wall/ceiling mount, aluminum tripod, 13 ft. grade rod, instruction manual with warranty card, hard-shell carrying case

### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm + 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/16"/100 ft. (±1.5mm/30m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 2000 ft. (610m) diameter with detector (included)
Remote Range	Up to 200 ft. (60m) diameter
Slope	±5°
Auto-Leveling Range	±5°
Power Supply	Li-ion rechargeable battery pack and Li-ion battery adapter (included), 3 "C" alkaline batteries (not included)
Battery Life	Approximately 25 hours with rechargeable battery pack; 16 hours with alkaline batteries
Dimensions	8.62" x 6.30" x 7.95" (219 x 160 x 248mm)
Weight	5.47 lbs. (2.4kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11
Rotation Speeds	0, 300, 800 RPM
Laser Beam Modes	0°, 10°, 45°, 90°, 180°
IP Protection Class	66
Limited Warranty	3 years with store receipt



## Electronic Self-Leveling Horizontal & Vertical Rotary Laser

**MODEL 40-6526**  
**MODEL 40-6529**  
**MODEL 40-6534**

- Designed for indoor and outdoor applications
- Electronically-controlled dual slope feature
- Electronic self-leveling horizontally and vertically
- Laser beam modes include dot, two adjustable line lengths and two rotational speeds
- Two rotational speeds: 200 and 500 RPM
- Visual and audible alarms when beyond leveling range
- Height of Instrument/Tilt alarm function ensures product accuracy

**40-6529 KIT INCLUDES** > Laser, detector with clamp and 9V battery, tinted glasses, target, 6.4V battery adapter, alkaline battery compartment (batteries not included), remote control with 9V battery, NiMH rechargeable battery pack, instruction manual with warranty card, hard-shell carrying case

**40-6526 INCLUDES** > Laser, 4 "C" alkaline batteries, tinted glasses, instruction manual with warranty card, soft-sided carrying case

**40-6534 KIT INCLUDES** > Laser, detector with clamp and 9V battery, tinted glasses, target, 6.4V battery adapter, alkaline battery compartment (batteries not included), wall/ceiling mount, remote control with 9V battery, NiMH rechargeable battery pack, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm ± 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/100 ft. (±1m/10m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 1500 ft. (460m) diameter with detector (included in 40-6529 & 40-6534)
Remote Range	Up to 200 ft. (60m) diameter
Slope	±5°
Auto-Leveling Range	±5°
Power Supply	NiMH rechargeable battery pack and 6.4V adapter (included in 40-6529 & 40-6534) or 4 "C" alkaline batteries (included in 40-6526)
Battery Life	Approximately 24 hours with rechargeable battery pack; 40 hours with alkaline batteries
Dimensions	6.29" x 8.62" x 7.95" (219 x 160 x 202mm)
Weight	4.4 lbs. (2kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11
Rotation Speeds	200 and 500 RPM
Laser Beam Modes	0°, 30°, 60°
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Electronic Self-Leveling Horizontal Exterior Rotary Laser Kit

Patented

### MODEL 40-6537

- Electronic self-leveling and designed for outdoor use
- Electronically-controlled dual slope feature
- Reinforced metal roof and glass enclosed beacon
- Electronic beam shield to turn the laser beam off in one to three quadrants
- Vibrate mode ignores slight movements as in windy conditions
- Visual and audible alarms when beyond leveling range
- Height of Instrument/Tilt alarm function ensures product accuracy



**40-6537 KIT INCLUDES** > Laser, detector with clamp and 9V battery, remote control with 9V battery, 6V battery adapter, NiMH rechargeable battery pack, 6 "AA" alkaline battery compartment (batteries not included), instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/16"/100 ft. (±1.5mm/30m)
Interior Range	Up to 100 ft. (30m) diameter depending upon light conditions
Exterior Range	Up to 2000 ft. (610m) diameter with detector
Remote Range	Up to 200 ft. (60m) diameter
Slope	±5°
Auto-Leveling Range	±5°
Power Supply	NiMH rechargeable battery pack and 6V adapter (included), or 6 "AA" alkaline batteries (not included)
Battery Life	Approximately 17 hours with rechargeable battery pack; 8 hours with 3 "AA" alkaline batteries and 17 hours with 6 "AA" alkaline batteries
Dimensions	5.51" x 5.51" x 7.48" (140 x 140 x 190mm)
Weight	3.96 lbs. (1.8kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11
Rotation Speeds	800 RPM
IP Protection Class	66
Limited Warranty	3 years with store receipt

## Electronic Self-Leveling Horizontal Exterior Rotary Laser Kit

Patented

### MODEL 40-6535 MODEL 40-6536

- Designed for outdoor use and simple set up
- Electronically-controlled dual slope feature
- Electronic self-leveling in the horizontal plane
- Visual and audible alarms when beyond leveling range
- Single speed rotation 700 RPM
- Slope operation function allows user to perform slope 8° in both x and y axis
- Remote control and detector for one person operation
- Height of Instrument/Tilt alarm function ensures product accuracy



**40-6535 KIT INCLUDES** > Laser, NiMH rechargeable battery pack, 6V battery adapter, remote control with 9V battery, detector with 9V battery and clamp, instruction manual with warranty card, hard-shell carrying case

**40-6536 SYSTEM INCLUDES** > Laser, NiMH rechargeable battery pack, 6V battery adapter, remote control with 9V battery, detector with 9V battery and clamp, aluminum tripod, 13 ft. grade rod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/16"/100 ft. (±1.5mm/30m)
Interior Range	Up to 100 ft. (30m) diameter depending upon light conditions
Exterior Range	Up to 2000 ft. (610m) diameter with detector
Remote Range	Up to 200 ft. (60m) diameter
Slope	±8°
Auto-Leveling Range	±5°
Power Supply	NiMH rechargeable battery pack and 6V adapter (included), 4 "C" alkaline batteries (not included)
Battery Life	Approximately 28 hours with rechargeable battery pack; 33 hours with alkaline batteries
Dimensions	7.4" x 5.9" x 8.15" (188 x 150 x 207mm)
Weight	5.51 lbs. (2.5kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11
Rotation Speeds	700 RPM
IP Protection Class	66
Limited Warranty	3 years with store receipt

## Electronic Self-Leveling Horizontal Exterior Rotary Laser

**MODEL 40-6551**  
**MODEL 40-6552**

- Designed for outdoor use and simple set-up
- Electronic self-leveling in the horizontal plane
- Vibrate mode ignores slight movements as in windy conditions
- Visual and audible alarms when beyond leveling range
- Single speed rotation 600 RPM
- Height of Instrument/Tilt alarm function ensures product accuracy



**40-6551 KIT INCLUDES >** Laser, NiMH rechargeable battery pack, 6.4V battery adapter, alkaline battery compartment (batteries not included), detector with 9V battery and clamp, instruction manual with warranty card, hard-shell carrying case



**40-6552 SYSTEM INCLUDES >** Laser, NiMH rechargeable battery pack, 6.4V battery adapter, alkaline battery compartment (batteries not included), detector with 9V battery and clamp, aluminum tripod, 13 ft. grade rod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/100 ft. (±1mm/10m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 2000 ft. (610m) diameter with detector (included)
Auto-Leveling Range	±5°
Power Supply	NiMH rechargeable battery pack and 6.4V adapter (included), 4 "C" alkaline batteries (not included)
Battery Life	Approximately 24 hours with rechargeable battery pack; 36 hours with alkaline batteries
Dimensions	8.62" x 6.30" x 7.95" (219 x 160 x 248mm)
Weight	4.65 lbs. (2kg)
Working Temperature	14°F to 113° F (-10° C to +45° C)
Center Screw Thread	5/8"-11
Rotation Speeds	600 RPM
IP Protection Class	65
Limited Warranty	3 years with store receipt

## Self-Leveling Rotary Laser Kit with GreenBrite® Technology

**MODEL 40-6543**

- Green beam is 400% more visible than red beam
- Self-leveling in the horizontal plane
- Locking mechanism protects inner pendulum during transportation
- Manual-leveling in the vertical plane with 90° split beam
- Laser beam modes include dot and two adjustable line lengths
- Visual and audible alarms when beyond leveling range



**40-6543 KIT INCLUDES >** Laser, remote control with 9V battery, wall/ceiling mount, NiMH rechargeable battery pack, 4 "C" alkaline battery compartment (batteries not included), 6.4V battery adapter, tinted glasses, magnetic target, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	532nm±10nm (Green)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/100 ft. (±1mm/10m)
Interior Range	Up to 400 ft. (120m) diameter depending upon light conditions
Exterior Range	Up to 1200 ft. diameter (365m) with detector (not included)
Remote Range	Up to 200 ft. (60m) diameter
Self-Leveling Range	±3.5°
Power Supply	NiMH rechargeable battery pack and 6.4V adapter (included), 4 "C" alkaline batteries (not included)
Battery Life	Approximately 16 hours with rechargeable battery pack; 15 hours with alkaline batteries
Dimensions	7.08" x 6.37" x 7.95" (180 x 162 x 202mm)
Weight	4.40 lbs. (2kg)
Working Temperature	32°F to 104°F (0°C to 40°C)
Center Screw Thread	5/8"-11
Rotation Speeds	150, 200, 250, 300 RPM
Laser Beam Modes	0°, 30°, 60°
IP Protection Class	66
Limited Warranty	3 years with store receipt

## Self-Leveling Rotary Laser

Patented

### MODEL 40-6527 MODEL 40-6532

- Self-leveling in the horizontal plane
- Locking mechanism protects inner pendulum during transportation
- Manual-leveling in the vertical plane with 90° split beam
- Laser beam modes include dot and two adjustable line lengths
- Visual and audible alarms when beyond leveling range



**40-6527 INCLUDES** > Laser, tinted glasses, alkaline battery compartment, 4 "C" alkaline batteries, instruction manual with warranty card, soft-sided carrying case



**40-6532 KIT INCLUDES** > Laser, NiMH rechargeable battery pack, 6.4V battery adapter, 4 "C" alkaline battery compartment (batteries not included), detector with clamp and 9V battery, remote control and 9V battery, tinted glasses, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/100 ft. (±1mm/10m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 2000 ft. (610m) diameter with detector (included in 40-6532)
Remote Range	Up to 200 ft. (60m) diameter (included in 40-6532)
Self-Leveling Range	±3.5°
Power Supply	NiMH rechargeable battery pack and 6.4V adapter (included in 40-6532), 4 "C" alkaline batteries (included in 40-6527)
Battery Life	Approximately 15 hours with rechargeable battery pack; 20 hours with alkaline batteries
Dimensions	7.08" x 6.37" x 7.95" (180 x 162 x 202mm)
Weight	4.40 lbs. (2kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11
Laser Beam Modes	0°, 30°, 60°
Rotation Speeds	150, 200, 250, 300 RPM
IP Protection Class	66
Limited Warranty	3 years with store receipt

## Self-Leveling Rotary Laser

Patented

### MODEL 40-6515 MODEL 40-6516 MODEL 40-6517

- Self-leveling in the horizontal plane
- Locking mechanism protects inner pendulum during transportation
- Manual-leveling in the vertical plane with 90° split beam
- Visual and audible alarms when beyond leveling range
- Laser rotates at 200, 400, 600 RPM
- Illuminated vertical vial



**40-6515 INCLUDES** > Laser, tinted glasses, 4 "AA" alkaline batteries, instruction manual with warranty card, soft-sided carrying case



**40-6516 KIT INCLUDES** > Laser, tinted glasses, 4 "AA" alkaline batteries, detector with 9V battery and clamp, instruction manual with warranty card, hard-shell carrying case



**40-6517 SYSTEM INCLUDES** > Laser, 4 "AA" alkaline batteries, wall/ceiling mount, 8 ft. grade rod, detector with 2 "AAA" alkaline batteries and clamp, tinted glasses, magnetic target, elevating tripod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/50 ft. (±1mm/5m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 800 ft. (245m) diameter with detector (included in 40-6516 and 40-6517)
Self-Leveling Range	±3°
Power Supply	4 "AA" alkaline batteries (included)
Battery Life	Approximately 20 hours continuous use
Dimensions	6.69" x 4.96" x 6.61" (126 x 170 x 168mm)
Weight	3.3 lbs. (1.5kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11
Rotation Speeds	200, 400, 600 RPM
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Manual-Leveling Rotary Laser

**MODEL 40-6502**  
**MODEL 40-6507**  
**MODEL 40-6512**

- Large and small scan modes achieve a laser chalk line
- Manual-leveling in horizontal and vertical planes
- Simultaneous 90° split beam in vertical mode
- Scan line can be moved clockwise or counter-clockwise
- Variable rotation speed
- Rugged housing

**40-6502 INCLUDES >** Laser, 4 "AA" alkaline batteries, tinted glasses, instruction manual with warranty card, soft-sided carrying case

**40-6507 KIT INCLUDES >** Laser, 4 "AA" alkaline batteries, wall/ceiling mount, tinted glasses, instruction manual with warranty card, soft-sided carrying case

**40-6512 SYSTEM INCLUDES >** Laser, 4 "AA" alkaline batteries, wall/ceiling mount, 8 ft. grade rod, detector with 2 "AAA" alkaline batteries and clamp, tinted glasses, magnetic target, elevating tripod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Manual (Vials)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/4"/100 ft. (±2mm/10m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 800 ft. (245m) diameter with detector (included in 40-6512)
Power Supply	4 "AA" alkaline batteries (included)
Battery Life	Approximately 15 hours continuous use
Dimensions	5.11" x 5.11" x 6.14" (130 x 130 x 156mm)
Weight	1.65 lbs. (.075kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11
Scanning Modes	0°, 30°, 60°
Rotation Speeds	150 to 300 RPM
IP Protection Class	54
Limited Warranty	3 years with store receipt

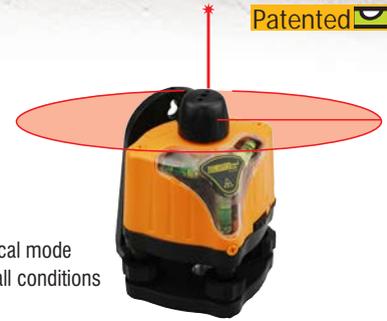
## Manual-Leveling Rotary Laser

**MODEL 40-0918**  
**MODEL 40-0922**

- Manual-leveling in horizontal and vertical planes
- Simultaneous 90° split beam in vertical mode
- Illuminated vials for easy reading in all conditions
- Rotation speed from 0 to 600 RPM
- Multi-functional adjustable base and mounting bracket

**40-0922 INCLUDES >** Laser, instruction manual with warranty card

**40-0918 KIT INCLUDES >** Laser, tinted glasses, elevating tripod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Manual (Vials)
Laser Wavelength	650nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/30 ft. (±0.3mm/m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Power Supply	4 "AA" alkaline batteries (not included)
Battery Life	Approximately 25 hours continuous use
Dimensions	4.75" x 4.75" x 6.12" (120 x 120 x 155mm)
Weight	1.25 lbs. (0.61kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11
Rotation Speeds	0 to 600 RPM
IP Protection Class	43
Limited Warranty	3 years with store receipt

# ROTARY LASER COMPARISON CHART

MFG. MODEL	40-6584	40-6582	40-6580	40-6546 40-6548	40-6544	40-6557 40-6558 40-6559	40-6526 40-6529 40-6534	40-6537 40-6535 40-6536	40-6551 40-6552	40-6543
<b>Leveling Method</b>	Automatic (Electronic)	Automatic (Electronic)	Automatic (Electronic)	Automatic (Electronic)	Automatic (Electronic)	Automatic (Electronic)	Automatic (Electronic)	Automatic (Electronic)	Automatic (Electronic)	Self-Leveling (Pendulum)
<b>Laser Wavelength</b>	635nm±10nm (Red)	635nm±10nm (Red)	635nm±10nm (Red)	532nm±10nm (Green)	532nm±10nm (Green)	635nm±10nm (Red)	635nm±10nm (Red)	635nm±10nm (Red)	635nm±10nm (Red)	532nm±10nm (Green)
<b>Laser Classification</b>	Class IIIa	Class IIIa	Class IIIa	Class IIIa	Class IIIa	Class IIIa	Class IIIa	Class IIIa	Class IIIa	Class IIIa
<b>Maximum Power Output</b>	≤5mW	≤5mW	≤5mW	≤5mW	≤5mW	≤5mW	≤5mW	≤5mW	≤5mW	≤5mW
<b>Accuracy</b>	±1/16"/100ft. (±1.5mm/30m)	±1/16"/100ft. (±1.5mm/30m)	±1/16"/100ft. (±1.5mm/30m)	±1/16"/100ft. (±1.5mm/30m)	±1/8"/100ft. (±1mm/10m)	±1/16"/100ft. (±1.5mm/30m)	±1/8"/100ft. (±1mm/10m)	±1/16"/100ft. (±1.5mm/30m)	±1/8"/100ft. (±1mm/10m)	±1/8"/100ft. (±1mm/10m)
<b>Interior Range</b>	Up to 200' (60m) diameter depending on light conditions	Up to 200' (60m) diameter depending on light conditions	Up to 200' (60m) diameter depending on light conditions	Up to 400' (120m) diameter depending on light conditions	Up to 400' (120m) diameter depending on light conditions	Up to 200' (60m) diameter depending on light conditions	Up to 200' (60m) diameter depending on light conditions	Up to 100' (30m) diameter depending on light conditions	Up to 200' (60m) diameter depending on light conditions	Up to 400' (120m) diameter depending on light conditions
<b>Exterior Range</b>	Up to 2000' (610m) diameter with detector	Up to 2000' (610m) diameter with detector	Up to 2000' (610m) diameter with detector	Up to 1400' (427m) diameter with detector (included in 40-6548)	Up to 1200' (365m) diameter with detector (not included)	Up to 2000' (610m) diameter with detector	Up to 1500' (460m) diameter with detector (included in 40-6529 & 40-6534)	Up to 2000' (610m) diameter with detector	Up to 2000' (610m) diameter with detector	Up to 1200' (365m) diameter with detector (not included)
<b>Remote Range</b>	Up to 200' (60m) diameter	Up to 200' (60m) diameter	Up to 200' (60m) diameter	Up to 200' (60m) diameter	Up to 200' (60m) diameter	Up to 200' (60m) diameter	Up to 200' (60m) diameter (included in 40-6529 & 40-6534)	Up to 200' (60m) diameter	N/A	Up to 200' (60m) diameter
<b>Slope</b>	X-Axis -10% to +10% Y-Axis -1% to +25% X + Y = 20%	X-Axis -10% to +10% Y-Axis -10% to +10% X + Y = 14%	-7.999% to 7.999% Double Axis X + Y = 12%	±5°	±5°	±5°	±5°	±5° (40-6537) ±8° (40-6535 & 40-6536)	N/A	N/A
<b>Self-Leveling Range</b>	±8°	±8°	±5°	±5°	±5°	±5°	±5°	±5°	±5°	±3.5°
<b>Working Temperature</b>	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)	32°F to 104°F (0°C to +40°C)	32°F to 104°F (0°C to +40°C)	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)	32°F to 104°F (0°C to +40°C)
<b>Laser Beam Modes</b>	N/A	0°, 10°, 45°, 90°, 180°	N/A	0°, 10°, 45°, 90°, 180°	0°, 30°, 60°	0°, 10°, 45°, 90°, 180°	0°, 30°, 60°	N/A	N/A	0°, 30°, 60°
<b>Rotation Speeds</b>	600, 1100 RPM	300, 600, 1100 RPM	0, 300, 600, 1100 RPM	0, 300, 800 RPM	200, 500 RPM	0, 300, 800 RPM	200, 500 RPM	800 RPM (40-6537) 700 RPM (40-6535, 40-6536)	600 RPM	150, 200, 250, 300 RPM
<b>IP Protection Class</b>	66	66	66	66	54	66	54	66	65	66
<b>Limited Warranty</b>	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years

## ROTARY LASER COMPARISON CHART

MFG. MODEL	40-6527 40-6532	40-6515 40-6516 40-6517	40-6502 40-6512 40-6507	40-0918 40-0922
<b>Leveling Method</b>	Self-Leveling (Pendulum)	Self-Leveling (Pendulum)	Manual (Vials)	Manual (Vials)
<b>Laser Wavelength</b>	635nm±10nm (Red)	635nm±10nm (Red)	635nm±10nm (Red)	650nm±10nm (Red)
<b>Laser Classification</b>	Class IIIa	Class IIIa	Class IIIa	Class IIIa
<b>Maximum Power Output</b>	≤5mW	≤5mW	≤5mW	≤5mW
<b>Accuracy</b>	±1/8"/100ft. (±1mm/10m)	±1/8"/50ft. (±1mm/5m)	±1/4"/100ft. (±2mm/10m)	±1/8"/30ft. (±0.3mm/m)
<b>Interior Range</b>	Up to 200' (60m) diameter depending on light conditions	Up to 200' (60m) diameter depending on light conditions	Up to 200' (60m) diameter depending on light conditions	Up to 200' (60m) diameter depending on light conditions
<b>Exterior Range</b>	Up to 2000' (610m) diameter with detector (included in 40-6532)	Up to 800' (245m) diameter with detector (included in 40-6516 & 40-6517)	Up to 800' (245m) diameter with detector (included in 40-6512)	N/A
<b>Remote Range</b>	Up to 200' (60m) diameter (included in 40-6532)	N/A	N/A	N/A
<b>Slope</b>	N/A	N/A	N/A	N/A
<b>Self-Leveling Range</b>	±3.5°	±3°	N/A	N/A
<b>Working Temperature</b>	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)
<b>Laser Beam Modes</b>	0°, 30°, 60°	N/A	0°, 30°, 60°	N/A
<b>Rotation Speeds</b>	150, 200, 250, 300 RPM	200, 400, 600 RPM	150 to 300 RPM	0 to 600 RPM
<b>IP Protection Class</b>	66	54	54	43
<b>Limited Warranty</b>	3 Years	3 Years	3 Years	3 Years

## Electronic Self-Leveling Pipe Laser

Patented 

### MODEL 40-6690

- Large, illuminated LCD display makes information easy to see and use
- Easy grade input to enter by individual digit for quick set-up changes
- Infrared remote control works over long distances providing real time data between remote and pipe laser
- Laser dot center feature automatically centers laser dot on target
- Battery indicator monitors battery level in rechargeable and alkaline battery packs
- Sleep mode turns off laser beam and display



**40-6690 INCLUDES >** Laser, NiMH rechargeable battery pack, alkaline battery compartment (batteries not included), remote control with 9V battery, small and large target, car adapter charger w/conversion plug, 6.4V AC battery adapter, 5 leg sets, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Automatic (Electronic)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Working Range	Up to 800 ft. (245m)
Remote Range	Front 300 ft., rear 50 ft.
Self-Leveling Range	±5°
Grade Range	-20% to +40%
Grade Display	00.001%
Left and Right Scan	±4°
Accuracy	±1/16"/100 ft. (±5mm/100m; ±10 arc sec)
Dimensions	5.19" x 14.96" (132 x 380mm)
Weight	13.2 lbs. (6 kg)
Working Temperature	-4° to +122°F (-20°C to +50°C)
Center Screw Thread	5/8" - 11
Power Supply	NiMH rechargeable battery pack (included), 6.4V battery adapter and 12V car charger (included) or 4 "D" alkaline batteries (not included)
IP Protection Class	68 nitrogen purged
Limited Warranty	3 years with store receipt

## Adjustable Pipe Laser Trivet Stand

### MODEL 40-6391

- Adjustable for various pipe
- Includes slope scale

**40-6391 INCLUDES >** Adjustable pipe laser trivet stand, soft-sided carrying case



## JLT 5 Self-Leveling 5 Dot Laser

MODEL 40-6695

- Self-leveling - 5 dot laser accurate  $\pm 1/4"/100'$
- Locking pendulum assures durability in transportation
- Multi-functional magnetic base mounts to metal surfaces
- Laser housing design allows fast and easy top and bottom track installation
- Bright, bold dots assure enhanced visibility
- Includes hard-shell carrying case and soft-sided pouch

**40-6695 INCLUDES** > Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, mounting strap, magnetic target, instruction manual with warranty card, soft-sided pouch and hard-shell carrying case

Patented



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/8"/50$ ft. ( $\pm 2$ mm/10m)
Interior Range	Up to 100 ft. (30m) depending upon light conditions
Self-Leveling Range	$\pm 3^\circ$
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 50 hours continuous use
Dimensions	5.00" x 1.97" x 5.755" (127 x 51 x 146mm)
Weight	1.43 lbs. (0.65kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4" - 20 and 5/8" - 11
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling 5 Beam Laser Dot

MODEL 40-6680

Patented

- Self-leveling
- Projects five self-leveling beams simultaneously
- Locking mechanism protects inner pendulum during transportation
- Visual and audible alarms when beyond leveling range
- Laser can be rotated 360° when attached to magnetic laser mount

**40-6680 INCLUDES** > Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, mounting strap, magnetic target, tinted glasses, instruction manual with warranty card, soft-sided carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	650nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/8"/50$ ft. ( $\pm 1$ mm/5m)
Interior Range	Up to 200 ft. (60m) depending upon light conditions
Self-Leveling Range	$\pm 4.5^\circ$
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 20 hours continuous use
Dimensions	3.15" x 3.85" x 4.0" (80 x 98 x 101mm)
Weight	1.10 lbs. (0.5kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11, 1/4"-20
IP Protection Class	55
Limited Warranty	3 years with store receipt

## JLT 3 Self-Leveling 3 Dot Laser

MODEL 40-6693

- Self-leveling - 3 dot laser accurate  $\pm 1/4"/100'$
- Locking pendulum assures durability in transportation
- Multi-functional magnetic base mounts to metal surfaces
- Laser housing design allows fast and easy top and bottom track installation
- Bright, bold dots assure enhanced visibility
- Includes hard-shell carrying case and soft-sided pouch

**40-6693 INCLUDES** > Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, mounting strap, magnetic target, instruction manual with warranty card, soft-sided pouch and hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/8"/50$ ft. ( $\pm 2$ mm/10m)
Interior Range	Up to 100 ft. (30m) depending upon light conditions
Self-Leveling Range	$\pm 3^\circ$
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 50 hours continuous use
Dimensions	5.00" x 1.97" x 5.755" (127 x 51 x 146mm)
Weight	1.43 lbs. (0.65kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4" - 20 and 5/8" - 11
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling 3 Beam Laser Dot

MODEL 40-6675

Patented

- Self-leveling
- Projects three self-leveling beams simultaneously
- Locking mechanism protects inner pendulum during transportation
- Visual and audible alarms when beyond leveling range

**40-6675 INCLUDES** > Laser, magnetic target, 3 "AA" alkaline batteries, instruction manual with warranty card, soft-sided pouch



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/8"/50$ ft. ( $\pm 1$ mm/5m)
Interior Range	Up to 100 ft. (30m) depending upon light conditions
Self-Leveling Range	$\pm 3^\circ$
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 50 hours continuous use
Dimensions	4.21" x 2.59" x 4.52" (107 x 66 x 115mm)
Weight	1.27 lbs. (0.58 kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4"-20
IP Protection Class	54
Limited Warranty	3 years with store receipt

## JLT 2 Self-Leveling 2 Dot Laser

### MODEL 40-6692

- Self-leveling - 2 dot laser accurate  $\pm 1/4"/100'$
- Locking pendulum assures durability in transportation
- Multi-functional magnetic base mounts to metal surfaces
- Laser housing design allows fast and easy top and bottom track installation
- Bright, bold dots assure enhanced visibility
- Includes hard-shell carrying case and soft-sided pouch

**40-6692 INCLUDES >** Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, mounting strap, instruction manual with warranty card, soft-sided pouch and hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/8"/50$ ft. ( $\pm$ 2mm/10m)
Interior Range	Up to 100 ft. (30m) depending upon light conditions
Self-Leveling Range	$\pm 3^\circ$
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 50 hours continuous use
Dimensions	4.21" x 2.59" x 4.52" (170 x 66 x 115mm)
Weight	1.2 lbs. (0.58kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4"-20
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling 2 Beam Laser Dot

### MODEL 40-6670

- Self-leveling
- Projects two self-leveling beams simultaneously
- Locking mechanism protects inner pendulum during transportation
- Visual and audible alarms when beyond leveling range

**40-6670 INCLUDES >** Laser, 3 "AA" alkaline batteries, magnetic target, instruction manual with warranty card, soft-sided pouch



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/8"/50$ ft. ( $\pm$ 1mm/5m)
Interior Range	Up to 100 ft. (30m) depending upon light conditions
Self-Leveling Range	$\pm 3^\circ$
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 50 hours continuous use
Dimensions	4.21" x 2.59" x 4.52" (170 x 66 x 115mm)
Weight	1.2 lbs. (0.58kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4"-20
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Three-Beam Magnetic Torpedo Laser Dot

### MODEL 40-6184

- Precision crafted anodized, machined aluminum frame for superior accuracy and durability
- Four vials read plumb, level, 45°, and cross check
- Three 90° beams emit simultaneous level, plumb and square reference points
- Strong magnetic base, tripod mount, and v-groove frame for maximum versatility
- Leveling base included



**40-6184 INCLUDES >** Laser, leveling base, 3 "AA" alkaline batteries, instruction manual with warranty card, soft-sided carrying pouch

### TECHNICAL SPECIFICATIONS

Leveling Method	Manual (Vials)
Laser Wavelength	650nm $\pm$ 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	$\leq$ 5mW
Accuracy	$\pm 1/8"/50$ ft. ( $\pm$ 1mm/5m)
Interior Range	Up to 100 ft. (30m) depending upon light conditions
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 50 hours continuous use
Dimensions	9.52" x 2.20" x 0.98" (242 x 56 x 25mm)
Weight	1.65 lbs. (0.75kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4"-20
Limited Warranty	3 years with store receipt

## Self-Leveling 360° Line Laser with 4 Horizontal Dots

**MODEL 40-6637**  
**MODEL 40-6639**

- Locking mechanism protects inner pendulum during transportation
- Manual mode allows unit to tilt to extreme angles
- Self-leveling 360° continuous horizontal laser line with four laser dots at 90 degrees
- Visible and audible alarms when beyond leveling range
- Laser beam can be set to pulse for use with optional line detector (included in 40-6639)



**40-6637 INCLUDES >** Laser, 4 "AA" alkaline batteries, wall mount bracket, mounting strap, instruction manual with warranty card, soft-sided carrying case



**40-6639 KIT INCLUDES >** Laser, 4 "AA" alkaline batteries, detector with 9V battery and clamp, wall mount bracket, mounting strap, instruction manual with warranty card, soft-sided carrying case



### TECHNICAL SPECIFICATIONS

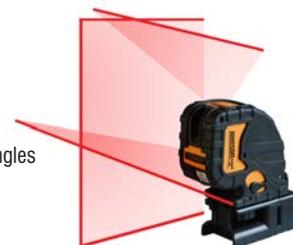
Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm ± 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤ 5mW
Accuracy	± 1/8" / 50 ft. (± 1mm / 5m)
Interior Range	Up to 200 ft. (60m) depending upon light conditions
Exterior Range	Up to 300 ft. (90m) diameter with detector (included in 40-6639)
Self-Leveling Range	± 5°
Power Supply	4 "AA" alkaline batteries (included)
Battery Life	Approximately 10 hours continuous use
Dimensions	3.74" x 5.11" (95 x 130mm)
Weight	1.86 lbs. (0.84kg)
Working Temperature	14° to 113°F (-10°C to 45°C)
Center Screw Thread	5/8"-11
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling Combination 3 Line or 3 Beam Laser Dot

Patented

**MODEL 40-6683**

- Projects three lines or three dots
- Locking mechanism protects inner pendulum during transportation
- Manual mode allows unit to tilt to extreme angles
- Self-leveling with visible and audible alarms when beyond leveling range
- Multi-functional magnetic base with rare earth magnets for use on walls, metallic surfaces or tripod



3 lines



3 dots

**40-6683 INCLUDES >** Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, mounting strap, tinted glasses, magnetic target, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm ± 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤ 5mW
Accuracy	± 1/8" / 50 ft. (± 1mm / 5m)
Interior Range	Up to 150 ft. (45m) for lines depending upon light conditions Up to 200 ft. (60m) for dots depending upon light conditions
Self-Leveling Range	± 3°
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 15 hours continuous use
Dimensions	5.31" x 2.56" x 4.84" (135 x 123 x 65mm)
Weight	1.86 lbs. (0.85kg)
Working Temperature	14°F to 113°F (-10°C to 45°C)
Center Screw Thread	5/8"-11 on base; 1/4"-20 on laser
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling 3 Line or 3 Cross-Line Laser

Patented



### MODEL 40-6645

- Locking mechanism protects inner pendulum during transportation
- Manual mode allows unit to tilt to extreme angles
- Projects three lines or three cross-lines simultaneously or individually
- Self-leveling with visible and audible alarms when beyond leveling range
- Laser beam can be set to pulse for use with optional line detector (not included)
- While on the bracket, the laser can be raised or lowered 2-1/2" and rotate 360°



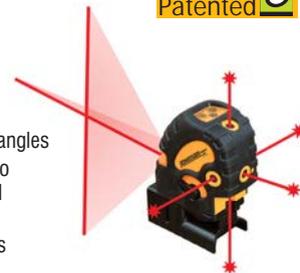
**40-6645 INCLUDES** > Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, mounting strap, instruction manual with warranty card, soft-sided pouch

### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm ± 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±3/16"/50 ft. (±3mm/10m)
Interior Range	Up to 200 ft. (60m) depending upon light conditions
Exterior Range	Up to 300 ft. (90m) with detector (not included)
Self-Leveling Range	±3°
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 10 hours continuous use
Dimensions	4.25" x 2.5" x 4.25" (108 x 64 x 108mm)
Weight	1.3 lbs. (0.6kg)
Working Temperature	14°F to 113°F (-10°C to 45°C)
Center Screw Thread	5/8"-11
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling Combination Cross-Line and 5 Beam Laser Dot

Patented



### MODEL 40-6685 MODEL 40-6687

- Locking mechanism protects inner pendulum during transportation
- Manual mode allows unit to tilt to extreme angles
- Projects five self-leveling laser dots and two cross-lines simultaneously. Able to control dots and cross-lines separately.
- Self-leveling with visible and audible alarms when beyond leveling range
- Laser beam can be set to pulse for use with optional line detector (included in 40-6687)

**40-6685 INCLUDES** > Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, mounting strap, magnetic target, tinted glasses, instruction manual with warranty card, hard-shell carrying case



**40-6687 KIT INCLUDES** > Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, detector with 9V battery and clamp, mounting strap, magnetic target, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm ± 10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/50 ft. (±1mm/5m)
Interior Range	Up to 150 ft. (45m) for lines depending upon light conditions Up to 200 ft. (60m) for dots depending upon light conditions
Exterior Range	Up to 300 ft. (90m) with detector (included in 40-6687)
Self-Leveling Range	±4°
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 20 hours continuous use
Dimensions	4.80" x 2.83" x 4.56" (122 x 72 x 116mm)
Weight	1.86 lbs. (0.85kg)
Working Temperature	14° to 113°F (-10°C to 45°C)
Center Screw Thread	5/8"-11 on base; 1/4"-20 on laser
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Quad-Line™ Self-Leveling Cross-Line Laser with Plumb Beam

### MODEL 40-6662

- Locking mechanism protects inner pendulum during transportation
- Manual mode allows unit to tilt to extreme angles
- Laser can be rotated 360°
- Projects three vertical lines, two horizontal lines and one plumb-down beam simultaneously or individually
- Self-leveling with visible and audible alarms when beyond leveling range
- Laser beam can be set to pulse for use with optional line detector (not included)

Patented



#### 40-6662 INCLUDES >

Laser, NiMH rechargeable battery pack, 6.4V battery adapter, 4 "AA" alkaline battery compartment (batteries not included), tinted glasses, magnetic target, instruction manual with warranty card, hard-shell carrying case



#### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm ±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/50 ft. (±1mm/5m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 300 ft. (90m) diameter with detector (not included)
Self-Leveling Range	± 3°
Power Supply	NiMH rechargeable battery pack and 6.4V battery adapter (included) or 4 "AA" alkaline batteries (not included)
Battery Life	Approximately 8 hours continuous use
Dimensions	4.73" x 4.96" x 7.09" (120 x 126 x 180mm)
Weight	4.0 lbs. (1.8kg)
Working Temperature	14°F to 113°F (-10°C to 45°C)
Center Screw Thread	5/8"-11
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling Cross-Line Laser with 3 Vertical Lines

Patented

### MODEL 40-6602 MODEL 40-6604

- Locking mechanism protects inner pendulum during transportation
- Manual mode allows unit to tilt to extreme angles
- Laser can be rotated 360°
- Projects three vertical lines and one horizontal line simultaneously or individually
- Self-leveling with visible and audible alarms when beyond leveling range
- Laser beam can be set to pulse for use with optional line detector (included in 40-6604)



**40-6602 INCLUDES >** Laser, 3 "AA" alkaline batteries, tinted glasses, magnetic target, instruction manual with warranty card, soft-sided carrying case



**40-6604 KIT INCLUDES >** Laser, 3 "AA" alkaline batteries, detector with 9V battery and clamp, tinted glasses, magnetic target, instruction manual with warranty card, soft-sided carrying case



#### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±3/16"/50 ft. (±3mm/10m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 300 ft. (90m) diameter with detector (included in 40-6604)
Self-Leveling Range	±3°
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 10 hours continuous use
Dimensions	3.55" x 3.55" x 5.83" (90 x 90 x 148mm)
Weight	2.2 lbs. (1.0kg)
Working Temperature	14° to 113°F (-10°C to 45°C)
Center Screw Thread	5/8"-11
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling Cross-Line Lasers

**MODEL 40-6656**  
**MODEL 40-6650**



- 40-6656 is a two beam green cross-line laser and 40-6650 is a two beam red cross-line laser
- Self-leveling
- Projects one horizontal, vertical or cross-line beam separately or simultaneously
- Visual out of level indicator
- Multi-functional elevating magnetic bracket with rare earth magnets for use on walls, metallic surfaces or tripod
- While on the bracket, the laser can be raised or lowered 2-1/2" and rotate 360°

**40-6656 & 40-6650 INCLUDES >** Laser, multi-functional elevating magnetic bracket, mounting strap, 3 "AA" alkaline batteries, instruction manual with warranty card, soft-sided pouch



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	532nm±10nm (Green), 635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/35 ft. (±3mm/10m)
Interior Range	Up to 200 ft. (60m) depending upon light conditions (40-6656) Up to 150 ft. (45m) depending upon light conditions (40-6650)
Self-Leveling Range	±3°
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 20 hours continuous use
Dimensions	4.12" x 1.93" x 4.12" (104 x 49 x 104mm)
Weight	1.50 lbs. (0.7 kg)
Working Temperature	32°F to 104°F (0°C to 40°C) (40-6656) 14°F to 113°F (-10°C to 45°C) (40-6650)
Center Screw Thread	5/8"-11; 1/4"-20
IP Protection Class	55
Limited Warranty	3 years with store receipt

## Self-Leveling Ultra-Bright Cross-Line Laser

**MODEL 40-6625**

Patented



- High-powered bright red cross beam laser
- Manual mode allows unit to tilt to extreme angles
- Locking mechanism protects inner pendulum during transportation
- Self-leveling with visual and audible alarms when beyond leveling range
- Multi-functional magnetic base with rare earth magnets for use on walls, metallic surfaces or tripod

**40-6625 INCLUDES >** Laser, multi-functional magnetic base, 3 "AA" alkaline batteries, mounting strap, magnetic target, instruction manual with warranty card, soft-sided pouch



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/35 ft. (±3mm/10m)
Interior Range	Up to 150 ft. (45m) depending upon light conditions
Self-Leveling Range	±5°
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 20 hours continuous use
Dimensions	2" x 5.25" x 6.25" (51 x 133 x 159mm)
Weight	2 lbs. (0.9kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8"-11, 1/4"-20
IP Protection Class	55
Limited Warranty	3 years with store receipt

## Self-Leveling Cross-Line Laser

Patented

### MODEL 40-0912 MODEL 40-0921

- Self-leveling
- Interior horizontal and vertical layout
- Locking mechanism protects inner pendulum during transportation
- 360° graduated base allows angle layout
- Emits cross line lasers
- Projects vertical and horizontal laser lines simultaneously
- Visual out of level indicator
- 5/8" – 11 thread



**40-0912 INCLUDES >** Laser, 3 "AAA" alkaline batteries, instruction manual with warranty card, soft-sided carrying case



**40-0921 KIT INCLUDES >** Laser, tinted glasses, elevating tripod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/4"/35 ft. (±0.6mm/m)
Interior Range	Up to 100 ft. (30m) depending upon light conditions
Self-Leveling Range	±6°
Power Supply	3 "AAA" alkaline batteries (included in 40-0912)
Battery Life	Approximately 12 hours continuous use
Dimensions	3.87" x 4.375" x 5" (127 x 102 x 89mm)
Weight	1.2 lbs. (0.54kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	5/8" - 11
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Self-Leveling 360° Line Laser

Patented

### MODEL 40-6636 MODEL 40-6638

- Locking mechanism protects inner pendulum during transportation
- Manual mode allows unit to tilt to extreme angles
- Self-leveling 360° continuous horizontal laser line
- Visible and audible alarms when beyond leveling range
- Laser beam can be set to pulse for use with optional line detector (included in 40-6638)



**40-6636 INCLUDES >** Laser, 4 "AA" alkaline batteries, wall mount bracket, mounting strap, instruction manual with warranty card, soft-sided carrying case



**40-6638 KIT INCLUDES >** Laser, 4 "AA" alkaline batteries, detector with 9V battery and clamp, wall mount bracket, mounting strap, instruction manual with warranty card, soft-sided carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Self-Leveling (Pendulum)
Laser Wavelength	635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/50 ft. (±1mm/5m)
Interior Range	Up to 200 ft. (60m) diameter depending upon light conditions
Exterior Range	Up to 300 ft. (90m) diameter with detector (included 40-6638)
Self-Leveling Range	±5°
Power Supply	4 "AA" alkaline batteries (included)
Battery Life	Approximately 10 hours continuous use
Dimensions	3.74" x 5.11" (95 x 130mm)
Weight	1.86 lbs. (0.8kg)
Working Temperature	14°F to 113°F (-10°C to 45°C)
Center Screw Thread	5/8" - 11
IP Protection Class	54
Limited Warranty	3 years with store receipt

## Heavy Duty Flooring Lasers

**MODEL 40-6622**  
**MODEL 40-6618**

- 40-6622 is a green beam flooring laser and 40-6618 is a red beam flooring laser
- Generates two lines on the floor at a 90° angle for surface layout including tile, stone, brick, carpet and hardwood flooring
- Projects two laser beams over wet mastic or concrete
- Simple one button operations
- Robust housing with metal feet
- Top mounted vials and leveling screws

Patented



### 40-6622 INCLUDES >

Laser, 3 "AA" alkaline batteries, floor target, instruction manual with warranty card, soft-sided carrying case



**40-6618 INCLUDES >** Laser, 3 "AA" alkaline batteries, floor target, instruction manual with warranty card, soft-sided carrying case



### TECHNICAL SPECIFICATIONS

Leveling Method	Manual (vials)
Laser Wavelength	532nm±10nm (Green), 635nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/16"/20 ft. (±2mm/6m)
Interior Range	Up to 150 ft. (45m) depending upon light conditions (40-6622) Up to 65 ft. (20m) depending upon light conditions (40-6618)
Power Supply	3 "AA" alkaline batteries (included)
Battery Life	Approximately 30 hours continuous use
Dimensions	6.5" x 6.5" x 4" (165 x 165 x 101mm)
Weight	1.51 lbs. (0.6kg)
Working Temperature	14°F to 113°F (-10°C to 45°C) (40-6618) 32°F to 104°F (0°C to 40°C) (40-6622)
Limited Warranty	3 years with store receipt

## Tiling/Flooring Laser

**MODEL 40-6616**

Patented

- Generates two lines on the floor at a 90° angle for surface layout including tile, stone, brick, carpet and hardwood flooring
- Projects two laser beams over wet mastic or concrete
- Angles are easily established with the built-in protractor



### 40-6616 INCLUDES >

Laser, 2 "AA" alkaline batteries, floor target, instruction manual with warranty card, soft-sided pouch



### TECHNICAL SPECIFICATIONS

Laser Wavelength:	635nm ±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/30 ft. (±4mm/10m)
Interior Range	Up to 30 ft. (9m) depending upon light conditions
Power Supply	2 "AA" alkaline batteries (included)
Battery Life	Approximately 30 hours continuous use
Dimensions	6.12" x 6.12" x 1.93" (155 x 155 x 49mm)
Weight	0.55 lbs. (0.25kg)
Working Temperature	14°F to 113°F (-10°C to 45°C)
Limited Warranty	3 years with store receipt

## LaserMouse®

**MODEL 9250**

Patented

- Adheres to any surface for hands free use
- SuperStick™ adhesive system is reusable, sticks to any surface and leaves no marks or holes
- Projects a laser line up to 30 feet
- Integrated horizontal and vertical leveling vials



**9250 INCLUDES >** Laser, reusable SuperStick™ adhesive strip, 2 "AA" alkaline batteries, instruction manual, protective carrying pouch

### TECHNICAL SPECIFICATIONS

Leveling Method	Manual (vials)
Laser Wavelength	650nm±10nm (Red)
Laser Classification	Class II
Maximum Power Output	≤1mW
Accuracy	±1/2"/20 ft. (±2mm/1m)
Interior Range	Up to 30 ft. (9m) depending upon light conditions
Power Supply	2 "AA" alkaline batteries (included)
Dimensions	4.32" x 2.5" x 1.75" (110 x 63 x 44mm)
Weight	0.37 lbs. (0.17kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Limited Warranty	3 years with store receipt

## Magnetic Torpedo Laser Level

### MODEL 40-6164

- Aluminum frame for superior accuracy and durability
- Four vials read plumb, level, 45° and cross check
- Built-in rotating head swivels to project laser dot, horizontal or vertical line

**40-6164 INCLUDES** > Laser, 2 "AAA" alkaline batteries, instruction manual with warranty card, soft-sided pouch



## Magnetic Torpedo Laser Level

### MODEL 40-6174

- Aluminum frame for superior accuracy and durability
- Four vials read plumb, level, 45° and cross check
- Built-in rotating head swivels to project laser dot, horizontal or vertical line
- V-groove fits on pipe and conduit

**40-6174 INCLUDES** > Laser, base (leveling bracket), 2 "AA" alkaline batteries, two mounting straps, instruction manual with warranty card, soft-sided pouch



## Magnetic Torpedo Laser Level

### MODEL 40-0915

- Three vials read plumb, level and cross check
- Built-in rotating head swivels to project laser dot, horizontal or vertical line
- Durable molded housing is impact resistant

**40-0915 INCLUDES** > Laser, 2 "AAA" alkaline batteries, instruction manual



### TECHNICAL SPECIFICATIONS

Leveling Method	Manual (Vials)
Laser Wavelength	650nm±10nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±1/8"/100 ft. (±1mm/10m) (40-6164, 40-6174) ±3/8"/50 ft. (±0.5mm/5m) (40-0915)
Interior Range	Up to 100 ft. (30m) depending upon light conditions
Power Supply	2 "AAA" alkaline batteries (included in 40-6164, 40-0915) 2 "AA" alkaline batteries (included in 40-6174)
Battery Life	Approximately 30 hours 40-6164, 50 hours 40-6174 and 70 hours 40-0915 continuous use
Dimensions	7.5" x .75" x 2.12" (190 x 54 x 19mm) (40-6164) 7.37" x 1" x 2" (188 x 51 x 25mm) (40-6174) 7" x .85" x 2" (177 x 51 x 22mm) (40-0915)
Weight	0.7 lbs. (0.3kg) 40-6164 and 40-6174, 0.3 lbs. (0.14kg) 40-0915
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4" – 20 (40-6164 and 40-6174)
Limited Warranty	3 years with store receipt

### LINE LASER COMPARISON CHART

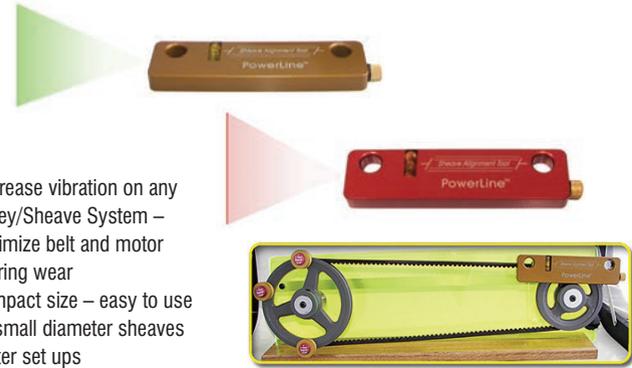
MFG. MODEL	40-6662	40-6602 40-6604	40-6656 40-6650	40-6625
Leveling Method	Self-Leveling (Pendulum)	Self-Leveling (Pendulum)	Self-Leveling (Pendulum)	Self-Leveling (Pendulum)
Laser Wavelength	635nm±10nm (Red)	635nm±10nm (Red)	532nm±10nm (Green) 635nm±10nm (Red)	635nm±10nm (Red)
Laser Classification	Class IIIa	Class IIIa	Class IIIa	Class IIIa
Maximum Power Output	≤5mW	≤5mW	≤5mW	≤5mW
Accuracy	±1/8"/50ft. (±2mm/10m)	±3/16"/50ft. (±3mm/10m)	±1/8"/35ft. (±3mm/10m)	±1/8"/35ft. (±3mm/10m)
Interior Range	Up to 200' (60m) diameter depending upon light conditions	Up to 200' (60m) diameter depending upon light conditions	Up to 200' (60m) 40-6656 and 150' (45m) 40-6650 depending upon light conditions	Up to 150' (45m) depending upon light conditions
Exterior Range	Up to 300' diameter (90m) with detector (not included)	Up to 300' diameter (90m) with detector (not included)	N/A	N/A
Self-Leveling Range	±3°	±3°	±3°	±5°
Working Temperature	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to +45°C)	32°F to 104°F (0°C to +40°C) (40-6656) 14°F to 113°F (-10°C to +45°C) (40-6650)	14°F to 113°F (-10°C to +45°C)
IP Protection Class	54	54	55	55
Limited Warranty	3 Years	3 Years	3 Years	3 Years

# LINE LASER COMPARISON CHART

MFG. MODEL	40-0921 40-0912	40-6636 40-6638	40-6622 40-6618	40-6616
<b>Leveling Method</b>	Self-Leveling (Pendulum)	Self-Leveling (Pendulum)	Manual (Vials)	N/A
<b>Laser Wavelength</b>	635nm±10nm (Red)	635nm±10nm (Red)	532nm±10nm (Green) 635nm±10nm (Red)	635nm±10nm (Red)
<b>Laser Classification</b>	Class IIIa	Class IIIa	Class IIIa	Class IIIa
<b>Maximum Power Output</b>	≤5mW	≤5mW	≤5mW	≤5mW
<b>Accuracy</b>	±1/4"/35ft. (±.6mm/1m)	±1/8"/50 ft. (±1mm/10m)	±1/16"/20ft. (±2mm/6m)	±1/8"/30ft. (±4mm/10m)
<b>Interior Range</b>	Up to 100' (30m) depending upon light conditions	Up to 200' (60m) diameter depending upon light conditions	Up to 150' (45m) 40-6622 and 65' (20m) 40-6618 depending upon light conditions	Up to 30' (9m) depending upon light conditions
<b>Exterior Range</b>	N/A	Up to 300' (90m) diameter depending upon light conditions (included in 40-6638)	N/A	N/A
<b>Self-Leveling Range</b>	±6°	±5°	N/A	N/A
<b>Working Temperature</b>	14°F to 113°F (-10°C to +45°C)	14°F to 113°F (-10°C to 45°C)	32°F to 104°F (0°C to +40°C) 40-6622 14°F to 113°F (-10°C to +45°C) 40-6618	14°F to 113°F (-10°C to +45°C)
<b>IP Protection Class</b>	54	54	N/A	N/A
<b>Limited Warranty</b>	3 Years	3 Years	3 Years	3 Years

## Sheave Alignment

**MODEL 40-6210 Magnetic Sheave Alignment with GreenBrite® Technology**  
**MODEL 40-6200 Magnetic Sheave Alignment**



- Decrease vibration on any Pulley/Sheave System – minimize belt and motor bearing wear
- Compact size – easy to use on small diameter sheaves
- Faster set ups
- Green beam is 400% more visible than red beam
- Use as a laser level – check the height and flatness of motor and gear box mounting plates
- Aligns belts, pulleys, sheaves, sprockets, gear trains, rollers, platforms, conveyors, and other plant equipment



**40-6210 & 40-6200 INCLUDES >** Red or green magnetic sheave alignment, three precision machined magnetic targets, 2 "AAA" alkaline batteries, instruction manual with warranty card, hard-shell carrying case



## TECHNICAL SPECIFICATIONS

Laser Wavelength	532nm (Green), 635nm (Red)
Laser Classification	Class II
Maximum Power Output	≤1mW
Accuracy	±1/16"/10 ft. (±1.5mm/3m)
Interior Range	Up to 100 ft. (30m) 40-6200 and 150 ft. (45m) 40-6210 depending on light conditions
Vial	40 Arc Minute
Beam Spread	60°/3 ft.
Line Width	Approximately ±1/16"/30"
Magnets	Nickel Plated Rare Earth
Power Supply	2 "AAA" alkaline batteries (included)
Battery Life	Approximately 10 hours continuous use
Targets	3 Retro-Reflective, adjustable over 1"
IP Protection Class	67
Dimensions	.62" x 6.75" x 1.75" (144 x 171 x 15mm)
Weight	14 oz. (0.39 kg)
Limited Warranty	1 year with store receipt

## Industrial Alignment Dot Lasers

**MODEL 40-6220 Industrial Alignment Dot Laser w/110V AC Adapter**  
**MODEL 40-6222 Industrial Alignment Dot Laser w/4-24 DC Connector**  
**MODEL 40-6224 Industrial Alignment Dot Laser with GreenBrite® Technology w/110V AC Adapter**

- Laser beam is aligned to be concentric with the outside diameter of the brass housing. This allows the installer to use the outside of the case for centering and positioning the beam.
- Solid brass industrial grade housing protects laser diode – won't rust or spark
- Solid glass optics are designed for harsh work environments
- Wedge internal prisms steer beam and maintain beam alignment for impact resistance
- "O"ring seal – water and oil proof to IP67 standards
- Beam-on indicator verifies unit is working from a distance
- Accessory parts available include Mounting Bracket (40-6229), Aperture Pack (40-6226) and 70 Degree Fan Angle Line Generator Lens (40-6228)



**40-6220 INCLUDES** > Red industrial alignment dot laser with 110V AC adapter, instruction manual with warranty card

**40-6222 INCLUDES** > Red industrial alignment dot laser with 4-24V DC connector, instruction manual with warranty card

**40-6224 INCLUDES** > Green industrial alignment dot laser with 110V AC adapter, instruction manual with warranty card

### TECHNICAL SPECIFICATIONS

Laser Wavelength	635nm (Red), 532nm (Green)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Interior Range	Up to 150 ft. (45m) 40-6220 and 40-6222 and 250 ft. (76m) 40-6224 depending on light conditions
Optics	Glass Collimating Lens and Wedge Prisms
Beam Divergence	Less than .4 mrad
Concentric beam alignment to case O.D.	± 1/8"/100 ft. (± 1mm/10m)
IP Protection Class	67 (1m for 10 seconds)
Dimensions	3.25" x .75" diameter (82 x 19mm)
Operating Temperature:	50°F to 122°F (-10°C to 50°C) (40-6220 and 40-6222) 50°F to 86°F (+10° C to 30° C) (40-6224)
Power Supply	110V AC - 40-6220 & 40-6224 4-24V DC - 40-6222
Limited Warranty	1 year with store receipt

## Accessories Industrial Dot Lasers



### Mounting Bracket for 40-6220, 40-6222 or 40-6224 Alignment Lasers

**MODEL 40-6229**

- Easy installation bracket for Industrial Alignment Laser Dots
- Includes 3/4" diameter mounting block and "L" bracket
- Designed to position the laser beam to the desired location

### Accessory for Dot Lasers

**MODEL 40-6226**



- Exclusive solid brass aperture pack works with all three dot laser modules
- Pre-threaded accessories screw directly into the pre-threaded alignment laser housing allowing the user to lower the laser beam intensity while reshaping the beam to 1/16", 3/32" or 1/8" diameters



### 70 Degree Fan Angle Line Generator Lens

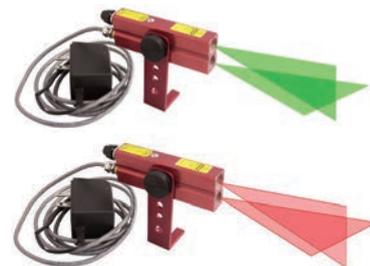
**MODEL 40-6228**

- Industrial alignment laser dots can be further accessorized with the 40-6228 line generator optic to create a line with a fan angle of 70°

## Industrial Alignment Cross-Line Laser

**MODEL 40-6232 Industrial Alignment Cross-Line Laser with GreenBrite® Technology**  
**MODEL 40-6230 Industrial Alignment Cross-Line Laser**

- Cylindrical lens technology – Solid glass optical system draws a continuous line at any distance
- Line fan angle – 70°
- Line widths – 1/16"
- Push on/off switch - turn unit on and off without having to disconnect power
- Beam on indicator – two indicators top & bottom for easy viewing
- Hard anodized – scratch resistance housing
- Laser diode – rated for 10,000 hours of operation or 5 years normal operating condition



**40-6232 & 40-6230 INCLUDES** > Red or green laser, 110V AC adapter, mounting bracket, instruction manual with warranty card

### TECHNICAL SPECIFICATIONS

Laser Wavelength	532nm (Green), 635nm (Red)
Laser Classification	Class II
Maximum Power Output	≤1mW
Interior Range	Up to 100 ft. (30m) 40-6230 and 150 ft. (45m) 40-6232 depending on light conditions
Power Supply	110V AC (included)
Dimensions	4" x .75" x 1.37" (101 x 19 x 35mm)
Weight	7.5 oz. (.21kg)
Beam Divergence	70° Standard
IP Protection Class	65
Limited Warranty	1 year with store receipt

## Laser Precision Levels

**MODEL 40-6242 Laser Precision Level with GreenBrite® Technology**

**MODEL 40-6240 Laser Precision Level**



- Measures level or plumb using precision level vial or two plumb vials that are built in and factory set
- Green beam is 400% more visible than red beam
- Turn the laser on by turning the battery cap
- Mark the center of the laser dot and subtract 1/2" to reference the bottom of the level
- Working edge is machined flat to 0.005"
- Solid aluminum frame – one piece case design won't bend or twist and it's weather protected
- Recessed level vials are easy to read, but well protected
- Features industrial grade optics that are fully coated for maximum performance
- 1/4" – 20 thread mounting hole can be mounted to standard camera tripods for stand alone operation
- Battery operated with over 30 hours of continuous operation
- Solid brass end caps provides for years of trouble free service
- Optical calibration – no set screws
- Wedge prisms factory calibrated – no field adjustments required
- Ideal for site layouts, crosscut measurements, slope, conveyors, grade and transit work

**40-6242 INCLUDES** > Laser, 2 AA "MN1500" alkaline batteries, instruction manual with warranty card

**40-6240 INCLUDES** > Laser, 2 "CR123A" lithium photo batteries, instruction manual with warranty card

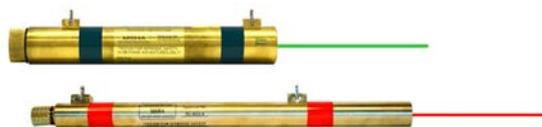
### TECHNICAL SPECIFICATIONS

Laser Wavelength	532nm (Green), 635nm (Red)
Laser Classification	Class II (Green), Class IIIa (Red)
Maximum Power Output	≤1mW (Green), ≤5mW (Red)
Accuracy	±1/16"/100 ft. (±1.5mm/30m)
Level Vial	5 minute accurate to ±1/8"/100 ft.
Interior Range	Up to 150 ft. (45m) 40-6240 and 250 ft. (75m) 40-6242 depending on light conditions
Plumb Vials	30 minute accurate to ±1/4"/20 ft.
Power Supply	40-6240 - 2 "CR123A" lithium photo batteries (included) 40-6242 - 2 "AA" "MN1500" alkaline batteries (included)
Dimensions	1" x 1.12" x 12.5" (25 x 3 x 330mm)
Weight	Less than 20 oz. (.56kg)
Battery Life	Approximately 40 hours continuous use (red) and 4 hours (green)
Limited Warranty	1 year with store receipt

## MSHA Mining Alignment Laser Long Range

**MODEL 40-6262 MSHA Mining Alignment Laser Long Range with GreenBrite® Technology**

**MODEL 40-6260 MSHA Mining Alignment Laser Long Range**



- For use when long range is required
- Intrinsically safe and MSHA approved (Mining, Safety & Health Administration) – explosion proof containment not required
- Used in above ground and underground operations – extremely rugged with 12mm optics
- Green beam is 400% more visible than red beam
- Laser beam is aligned to be concentric with the outside diameter of the brass housing. This allows the installer to use the outside of the case for centering and positioning the beam.
- Precision beam alignment – self-cleaning threads – no tools required
- Large optics – 20 times brighter than standard lasers
- "O" ring seal – water and oil proof to IP67 standards
- Solid brass – proven to work in harsh environments
- Adjustable hanging brackets included – connects to spads directly
- Reflective film for headlamp illumination

### 40-6262 & 40-6260 INCLUDES >

Laser, adjustable spad hanging tabs, 5 "AA" alkaline batteries 40-6260, and 2 "D" alkaline batteries 40-6262, instruction manual

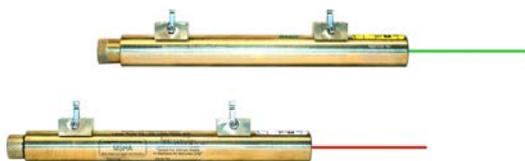
### TECHNICAL SPECIFICATIONS

Laser Wavelength	532nm (Green), 635nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Concentric Beam Alignment to Case O.D.	±1/8"/100 ft. (±1mm/10m)
Beam Divergence	Less than .15 mrad
Interior Range	Up to 2000 ft. (610m) 40-6260 and 3000 ft. (910m) 40-6262 depending upon light conditions
Power Supply	40-6260 5 "AA" alkaline batteries (included) 40-6262 2 "D" alkaline batteries (included)
Battery Life	Approximately 85 hours 40-6260 and 40 hours 40-6262 continuous use
Dimensions	15" x 1" (381 x 25mm) 40-6260 10.5" x .75" (267 x 19mm) 40-6262
Weight	1.5 lbs. (0.68kg) 40-6260 and 4 lbs. (1.81kg) 40-6262
Working Temperature	14°F to 122°F (-10°C to 50°C) 40-6260 59°F to 95°F (15°C to 35°C) 40-6262
IP Protection Class	67
Limited Warranty	1 year with store receipt

## MSHA Mining Alignment Laser

**MODEL 40-6266 MSHA Mining Alignment Laser with GreenBrite® Technology**

**MODEL 40-6264 MSHA Mining Alignment Laser**



- Intrinsically safe and MSHA approved (Mining, Safety & Health Administration) – explosion proof containment not required
- Used in above ground and underground operations – extremely rugged with 6mm optics 40-6264 and 2.5mm optics 40-6266 for a small dot at a distance
- Green beam is 400% more visible than red beam
- Laser beam is aligned to be concentric with the outside diameter of the brass housing. This allows the installer to use the outside of the case for centering and positioning the beam.
- Precision beam alignment – self-cleaning threads – no tools required
- Large optics – 20 times brighter than standard lasers
- “O” ring seal – water and oil proof to IP67 standards
- Solid brass – proven to work in harsh environments
- Adjustable hanging brackets included – connects to spads directly

**40-6266 & 40-6264 INCLUDES >** Laser, adjustable spad hanging tabs, 2 “AAA” alkaline batteries, instruction manual

### TECHNICAL SPECIFICATIONS

Laser Wavelength	532nm (Green), 635nm (Red)
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Concentric Beam Alignment to Case O.D.	±1/8"/100 ft. (±1mm/10m)
Beam Divergence	Less than .15 mrad
Interior Range	Up to 500 ft. (150m) 40-6264 and 1500 ft. (500m) 40-6266 depending upon light conditions
Power Supply	2 "AAA" alkaline batteries (included)
Battery Life	Approximately 12 hours 40-6264 and 4 hours 40-6266 continuous use
Dimensions	6.8" x .75" (173 x 19mm) 40-6264 6.5" x .75" (165 x 19mm) 40-6266
Weight	0.63 lbs. (0.29kg) 40-6264 and 0.69 lbs. (0.13kg) 40-6266
Working Temperature	14°F to 122°F (-10°C to 50°C) 40-6264 59°F to 95°F (15°C to 35°C) 40-6266
IP Protection Class	67
Limited Warranty	1 year with store receipt

## Accessories

### Grade Rod or Machine Mountable Detector

**MODEL 40-6790**



- Bright LED's and LCD display signal from the laser beam
- For use with red rotating lasers at extreme distances
- Detector has a 240 degree detecting window for receiving the red rotary laser beam
- Removable grade rod bracket for magnetic machine mounting



**40-6790 INCLUDES >** Detector, 4 “AA” alkaline batteries, instruction manual with warranty card, hard-shell carrying case

### Machine Mountable 360 Degree Detector with Clamps & Magnets

**MODEL 40-6791**



- Ideal for bulldozers, front-end loaders and back hoes
- 360 degree receiving window and is ideal for mounting on machinery
- This universal detector has a 360 degree detecting window for receiving a red beam rotary laser signal
- Bright LED display signal the direction of the laser beam
- This unit can be used with a 12 or 24 volt battery or with rechargeable batteries (included)
- Water and dust proof to IP66



**40-6791 INCLUDES >** Detector with clamps and magnets, NiMH rechargeable battery pack, cable, charger, instruction manual with warranty card, hard-shell carrying case



### Remote Display

**MODEL 40-6792**



- Can be mounted near the operator and transfers the signal from the machine-mountable detector to the remote display
- Connected to machine mountable detectors with the provided cable (32.5 ft.)
- The LED's on the remote display correspond with that of the machine mountable detector



**40-6792 INCLUDES >** Remote display, cable, instruction manual with warranty card

### Two-Sided Laser Detector w/Clamp

**MODEL 40-6715**



- Quickly and accurately locates red beam rotary laser signals
- Audible and visual indicators for precise leveling
- Front and back dual displays are back-lit for easy reading
- Fine and course (wide and narrow) detection settings
- Clamp attaches to grade rods

Patented



**40-6715 INCLUDES >** Detector, 9V battery, clamp, instruction manual with warranty card

## Accessories



### One-Sided Laser Detector w/ Clamp

**MODEL 40-6700**

- Quickly and accurately locates red beam rotary laser signals
- Audible and visual indicators for precise leveling
- Front display is back-lit for easy reading
- Fine and course (wide and narrow) detection settings
- Clamp attaches to grade rods

**40-6700 INCLUDES** > Detector, 9V battery, clamp, instruction manual with warranty card

### Two-Sided Laser Detector w/ Clamp for Green Beam Lasers

**MODEL 40-6763**

- Quickly and accurately locates green beam rotary laser signals
- Audible and visual indicators for precise leveling
- Front and back dual displays are back-lit for easy reading
- Fine and course (wide and narrow) detection settings
- Clamp attaches to grade rods

**40-6763 INCLUDES** > Detector, 9V battery, clamp, instruction manual with warranty card

### One-Sided Laser Detector w/Clamp

**MODEL 40-6705**

- Quickly and accurately locates red beam rotary laser signals
- Audible tone (level only) and visual LED indicators for precise leveling
- Clamp attaches to grade rods

**40-6705 INCLUDES** > Detector, 2 "AAA" batteries, clamp, instruction manual with warranty card

### One-Sided Line Generator Laser Detector w/Clamp

**MODEL 40-6780**

- With this laser detector, a line generated pulse laser level can be used both indoors with bright light and/or outdoors in the sunlight where the beams are not visible
- Audible and visual LED indicators for precise leveling
- Clamp attaches to grade rods

**40-6780 INCLUDES** > Detector, 9V battery, clamp, instruction manual



## Accessories

### Fiberglass Grade Rods

**MODEL 40-6316 16 FT.**   
**MODEL 40-6325 25 FT.**

- Fiberglass construction with rectangular shape and rounded back
- Telescoping rod for easy storage (4 sections 40-6316, 6 sections 40-6325)
- Graduations on front in inches/eighths
- Features scale on back to allow for overall height readings in feet and inches
- Waterproof and corrosion resistant

**40-6316 INCLUDES** > 16 ft. Fiberglass Grade Rod with carrying bag  
**40-6325 INCLUDES** > 25 ft. Fiberglass Grade Rod with carrying bag

### Aluminum Grade Rods

**MODEL 40-6320 16 FT.**   
**MODEL 40-6310 13 FT.**  
**MODEL 40-6862 8 FT.**

- Durable aluminum construction with protective anodized finish
- Telescoping rod for easy storage (4 sections 40-6320 & 40-6310, 3 sections 40-6862)
- Dual graduations read engineers scale feet/tenths on front and standard feet/inches on back
- Snap on circular leveling vial included
- Nylon carrying bag with shoulder strap

**40-6320 INCLUDES** > 16 ft. Aluminum Grade Rod with carrying bag  
**40-6310 INCLUDES** > 13 ft. Aluminum Grade Rod with carrying bag  
**40-6862 INCLUDES** > 8 ft. Aluminum Grade Rod with carrying bag

### Metric Aluminum Grade Rods

**MODEL 40-6326 4 METER**   
**MODEL 40-6327 5 METER**

- Durable aluminum construction with protective anodized finish
- Telescoping rod for easy storage (4 sections 40-6326, 5 sections 40-6327)
- Dual graduations read centimeters/millimeters on front & E scale (decimeters) on back
- Snap-on circular leveling vial included
- Nylon carrying bag with shoulder strap

**40-6326 INCLUDES** > 4 meter Aluminum Grade Rod with carrying bag  
**40-6327 INCLUDES** > 5 meter Aluminum Grade Rod with carrying bag



## Accessories

### Heavy Duty Fiberglass Tripod

**MODEL 40-6332**

- Fiberglass construction with extendable legs
- Adjustment range from 3' 8" to 6' (nominal length)
- 5/8" - 11 thread
- Feet have sharp metal points for use on uneven outdoor terrain
- Wing screw offers great stability and support
- Includes plumb bob hook
- Carrying strap included



### Heavy Duty Elevating Tripod

**MODEL 40-6330**

- Durable aluminum construction with extendable legs and elevating platform
- Adjustment range from 4' to 10' (nominal length)
- Quick connection for lasers with 5/8" - 11 threads
- Feet have sharp metal points for use on uneven outdoor terrain and removable rubber covers for use indoors
- Wing screw offers great stability and support
- Heavy duty folding handle for fine height adjustments
- Safety chains prevent legs from accidental collapse
- Carrying strap included



### Heavy Duty Aluminum Tripod

**MODEL 40-6340**

- Durable aluminum construction with extendable legs
- Adjustment range 3' 3" to 5' 3" (nominal length)
- Quick connection for lasers with 5/8" - 11 threads
- Feet have sharp metal points for use on uneven outdoor terrain and removable rubber covers for use indoors
- Quick clamp lock offers quick and secure clamping
- Safety chains prevent legs from accidental collapse
- Carrying strap included



## Accessories

### Contractor Grade Aluminum Tripod

**MODEL 40-6335**

- Durable aluminum construction with extendable legs
- Adjustment range from 3' to 5' (nominal length)
- Quick connection for lasers with 5/8" - 11 threads
- Feet have sharp metal points for use on uneven outdoor terrain and removable rubber covers for use indoors
- Quick clamp lock offers quick and secure clamping
- Includes plumb bob hook
- Carrying strap included



### Universal Tripod/Grade Rod Kit

**MODEL 40-6350**

- Tripod is made of durable aluminum construction with extendable legs (40-6335 Tripod)
- Tripod has quick connection for 5/8" - 11 threaded lasers
- Tripod working range is 3' to 5' (nominal length)
- Grade rod is constructed of heavy duty aluminum with silver anodized finish
- Quick clamp lock offers quick and secure clamping
- Grade rod increments are in feet/tenths on front and feet/inches on back (40-6310 Grade Rod)



**40-6350 INCLUDES** > Aluminum tripod, 13' grade rod

### Dual Purpose Elevating Aluminum Tripod with 1/4" - 20 adapter

**MODEL 40-6861**

- Lightweight, aluminum tripod
- Adjustment range from 2' to 5' 5" (nominal length) includes elevating column with fine adjustment knobs
- Tripod feet are adjustable for indoor and outdoor use
- Quick clamp lock offers quick and secure clamping
- Adapter that reduces threads from 5/8" - 11 to 1/4" - 20

**40-6861 INCLUDES** > Aluminum tripod, 1/4" - 20 adapter, nylon carrying bag with shoulder strap



### Elevating Aluminum Tripod

**MODEL 40-6880**

- Lightweight, aluminum tripod
- Adjustment range from 17" to 47" (nominal length) includes elevating column with fine adjustment knobs
- Quick clamp lock offers quick and secure clamping



## Accessories

### Tripod Adapter

MODEL 40-6863



- Coverts 5/8"-11 tripod thread size to 1/4"-20
- Swiveling adapter plate allows for 360° rotation
- Locking knob secures instrument to desired location



### Incline Bracket with 1/4" Thread

MODEL 40-6843



- Quickly mounts to tripod
- Dual axis pivoting
- Lock function mechanism to secure laser in its desired position
- Leveling vial included
- Horizontal circle to determine angle setting
- Use with 40-6861 or 40-6880 lightweight aluminum tripod



### Magnetic Floor Target

MODEL 40-6370



- Enhances the brightness of laser line or point
- Back stand folds out to keep upright on floor
- Magnetic for convenient attachment to metal for hands free use



### Multi-Function Mount for Rotary Lasers

MODEL 40-6304



- Durable mount easily affixes laser level to a wall or track
- Standard 5/8" screw bolt fits most lasers
- Large hand wheel provides fine adjustment for alignment
- Graduated housing in inches and cm
- Use for installing drop ceilings
- Soft-sided carrying case included



**40-6304 INCLUDES** > Multi-function mount, soft-sided carrying case

## Accessories

### Interior Laser Pole

MODEL 40-6300



- Designed for interior use
- Adjustable elevating range: 2.33' to 11'
- Quick release/lock elevating clamp with 5/8" - 11 thread fits most lasers
- Spring-loaded end provides tight compression fit from floor to ceiling
- Soft-sided carrying case included



**40-6300 INCLUDES** > Interior laser pole, soft-sided carrying case

### Red Beam Universal Detector Kit

MODEL 40-6720



- Red beam two-sided laser detector with 9V battery and clamp (40-6715)
- Red magnetic floor target (40-6370)
- Red laser enhancement glasses (40-6842)



### Green Beam Laser Enhancement Kit

MODEL 40-6725



- Enhances the visibility of green beam lasers
- Green magnetic target (40-6846)
- Green laser enhancement glasses (40-6840)



### Red Enhancement Glasses

MODEL 40-6842



- Enhances the visibility of red beam lasers



# OPTICAL



## THEODOLITES AUTOMATIC LEVELS LEVEL & TRANSIT LEVELS

### Five Second Electronic Digital Theodolite with Laser

#### MODEL 40-6936

- Five second angular accuracy – accurate enough for any construction job
- Vertical axis compensation – tilt sensor provides the highest level of accuracy to be turned on or off depending upon job requirements
- Dual LCD with large characters – easy to see, angle readings, eliminate errors and reduce eye fatigue
- Simple six button keypad – quick set-ups and simple operation with low operator learning curve
- Laser beam is emitted directly from the aperture, but does not impede viewing
- Large beam can easily and accurately place anchor bolts at regular intervals on a line or set an angle and use the beam to verify your tape measure is properly aligned for the next stake or sight in footers, frames and tilt-up walls – all without pulling a string!

**40-6936 INCLUDES** > Five second theodolite with laser, NiMH rechargeable battery pack, alkaline battery compartment (batteries not included), 3-7.5V battery adapter, rain cover, instruction manual with warranty card, hard-shell carrying case



#### TECHNICAL SPECIFICATIONS

##### Telescope

Image	Erect
Magnification	30X
Aperture	1.7" (45mm)
Resolution	3"
Angle of View	1° 30'
Shortest Distance	5 ft. (1.4m)
Stadia Constant	100
Overall Length	6.18" (157mm)

##### Angle Measuring System

Angle Measurement	Incremental
Minimal Reading	1", 2", 5", optional
Angle Measurement Unit	360°, 400gon, 6400mil, optional

##### Accuracy

5"

##### Vial

Tubular Vial	30"/2mm
Circular Vial	8'/2mm

##### Compensator

Tilt Sensor	Upright angle automatic compensation
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##### Compensation Range

±3'

##### Laser Plummet

Laser Wavelength	635nm ± 10
Laser Classification	Class IIIa

##### Laser

Laser Wavelength	635nm ± 10
Laser Classification	Class IIIa
Interior Range	600' (200m)
Exterior Range	100' (40m)

##### Display

Type	LCD with double side
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##### Date Input and Output

Joint (one)	RS232
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##### Power

Battery	NiMH rechargeable battery pack (included) or 5 "AA" alkaline batteries (not included)
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##### Operating Voltage

Battery Life	6V DC Approximately 16 hours continuous use
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##### Working Environment

Temperature Range	-4° F to +104° F (-20° C to +40° C)
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##### Size and Weight

Dimensions	6.29" x 5.90" x 12.99" (160 x 150 x 330mm)
Weight	10.14 lbs. (4.6kg)
Center Screw Thread	5/8" - 11
Limited Warranty	3 years with store receipt

## Electronic Digital Theodolites

### MODEL 40-6932 Two Second Theodolite MODEL 40-6935 Five Second Theodolite

- Two second or five second angular accuracy – accurate enough for any construction job
- Vertical axis compensation – tilt sensor provides the highest level of accuracy and be turned on or off depending upon job requirements
- Dual LCD with large characters – easy to see, angle readings, eliminate errors and reduce eye fatigue
- Backlit LCD and telescope reticle – allows work in low light conditions including indoor and extended hours near dawn and dusk
- Simple six button keypad – quick set-ups and simple operation with low operator learning curve
- Large selection of programmable settings – provide multiple operations for various users and job requirements including zero position of vertical angle
- 90° audible notification – for quick turning and set out of right angles
- Instant conversion of vertical angles to percent of grade – convenient for slope work and when used in conjunction with pipe work
- NiMH rechargeable battery pack adapter and lower operating cost
- Alkaline battery pack standard – provides back-up and eliminated down time if the charge is lost in the middle of a job



**40-6932 & 40-6935 INCLUDES >** Two or five second theodolite, NiMH rechargeable battery pack, alkaline battery compartment (batteries not included), 3-7.5V battery adapter, rain cover, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

<b>Telescope</b>	
Image	Erect
Magnification	30X
Aperture	1.7" (45mm)
Resolution	3"
Angle of View	1° 30'
Shortest Distance	5 ft. (1.4m)
Stadia Constant	100
Overall Length	6.18" (157mm)
<b>Angle Measuring System</b>	
Angle Measurement	Incremental
Minimal Reading	1", 2", 5", optional
Angle Measurement Unit	360°, 400gon, 6400mil, optional
Accuracy	40-6932 - 2", 40-6935 - 5"
<b>Vial</b>	
Tubular Vial	30"/2mm
Circular Vial	8"/2mm
<b>Compensator</b>	
Tilt Sensor	Upright angle automatic compensation
Compensation Range	± 3'
<b>Optical Plummet</b>	
Imaging	Erect
Magnification	3X
Focusing Range	0.5m
Field Angle	5°

<b>Display</b>	
Type	LCD with double side
<b>Date Input and Output</b>	
Joint (one)	RS232
<b>Power</b>	
Battery	NiMH rechargeable battery pack or 3-7.5V battery adapter (included) or 5 "AA" alkaline batteries (not included)
Operating Voltage	6V DC
Battery Life	Approximately 16 hours continuous use
<b>Working Environment</b>	
Temperature Range	14° F to 104° F (-20° C to +40° C)
<b>Size and Weight</b>	
Dimensions	6.29" x 5.90" x 12.99" (160 x 150 x 330mm)
Weight	10.14 lbs. (4.6kg)
Center Screw Thread	5/8" - 11
Limited Warranty	3 years with store receipt

## Automatic Levels

### MODEL 40-6926 26X Automatic Level MODEL 40-6928 26X Automatic Level System MODEL 40-6960 30X Automatic Level MODEL 40-6961 30X Automatic Level System MODEL 40-6962 32X Automatic Level MODEL 40-6963 32X Automatic Level System

- Water and dust resistant for use in most weather conditions
- Wire-hung, magnetically dampened compensator
- Large, easy-to-use focusing knob
- 360° horizontal circle
- Prism for bubble viewing
- Top-mounted optical sight for quick reference
- Fine adjustment knobs on left and right sides with endless horizontal drive
- 1:100 stadia for distance estimation
- Focusable cross-hairs
- 5/8" - 11 threads for standard tripods



**40-6926, 40-6960, 40-6962 INCLUDES >** Automatic level, instruction manual with warranty card, hard-shell carrying case

**40-6928, 40-6961, 40-6963 SYSTEM INCLUDES >** Automatic level, aluminum tripod, 13 ft. grade rod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Telescope	Erect
Magnification	26X (40-6926 & 40-6928), 30X (40-6960 & 40-6961), 32X (40-6962 & 40-6963)
Leveling Accuracy	± 1/16"/200 ft. (± 1.5mm/60m)
Working Range	Up to 350 ft. (100m) (40-6926 & 40-6928), Up to 400 ft. (120m) (40-6960 & 40-6961), Up to 450 ft. (130m) (40-6962 & 40-6963)
Self Leveling Range	± 5°
Clear Objective Aperture	40 mm
Field of View	1° 30'
<b>Shortest Focusing</b>	
Distance	0.315" (0.8m)
Stadia Ratio	100
Stadia Addition	0
Water Resistant	Yes
Sensitivity of Bubble	8 ft. (2mm)
Circle Graduation	1°
Standard Deviation for	
1km Double-Run Leveling	0.689" (1.75mm)
Compensator	Working Range ± 15° Setting Accuracy ± 0.8"
Dimensions	7.52" x 5.19" x 5.39" (191 x 132 x 137mm)
Weight	3.39 lbs. (1.54kg)
Center Screw Thread	5/8"-11
Limited Warranty	3 years with store receipt

## 22X Builder's Transit Level

MODEL 40-6910

MODEL 40-6912

- Horizontal circle – graduated to single degrees and reads by vernier direct to 15 minutes
- Vertical Arc – reads to degrees 45-0-45
- Horizontal tangent screw & vertical lock & tangent screw for precise movement control
- Built-in sunshade – for clear sighting
- Top mounted leveling vial – for effortless viewing
- Large leveling screws – easy to turn
- Versatile – ideal for leveling foundations, driveways, patios, floors, for grading streets, curbs and ditches, for aligning fences; or any other light construction job



### 40-6910 INCLUDES >

Builder's transit level, instruction manual with warranty card, hard-shell carrying case



### 40-6912 SYSTEM INCLUDES >

Builder's transit level, aluminum tripod, 13 ft. grade rod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Telescope	Erect
Magnification	22X
Leveling Accuracy	$\pm 3/16"/100$ ft. ( $\pm 5$ mm/30m)
Working Range	Up to 200 ft. (60m)
Minimum Focus	4 ft. (1.2m)
Clear Objective Aperture	22mm
Field of View	$\pm 2$ ft./100 ft. ( $\pm 0.6$ m/30m)
Number of Lenses	5
Level Vial	4 ft. per 2mm
Graduation Diameter	110mm
Horizontal Circle:	
	Graduations 1°
	Number Each 10°, 0-90-0°
	Vernier Double direct to 15 min.
Vertical arc:	
	Graduations 1°
	Number Each 10°, 45-0-45°
Weight	2.20 lbs. (1kg)
Center Screw Thread	5/8"-11
Limited Warranty	3 years with store receipt

## 22X Builder's Levels

MODEL 40-6900

MODEL 40-6902

- Horizontal circle – graduated to single degrees and reads by vernier direct to 15 minutes
- Horizontal tangent screw – for precise movement control
- Built-in sunshade – for clear sighting
- Top mounted leveling vial – for effortless viewing
- Large leveling screws – easy to turn
- Versatile – ideal for leveling foundations, driveways, patios, floors, for grading street, curbs and ditches, for aligning fences; or any other light construction job



**40-6900 INCLUDES >** Builder's level, instruction manual with warranty card, hard-shell carrying case



### 40-6902 SYSTEM INCLUDES >

Builder's level, aluminum tripod, 13 ft. grade rod, instruction manual with warranty card, hard-shell carrying case



### TECHNICAL SPECIFICATIONS

Telescope	Erect
Magnification	22X
Leveling Accuracy	$\pm 3/16"/100$ ft. ( $\pm 5$ mm/30m)
Working Range	Up to 200 ft. (60m)
Minimum Focus	4 ft. (1.2m)
Clear Objective Aperture	22mm
Field of View	$\pm 2$ ft./100 ft. ( $\pm 0.6$ m/30m)
Number of Lenses	5
Level Vial	4 ft. per 2mm
Graduation Diameter	110mm
Horizontal Circle:	
	Graduations 1°
	Number Each 10°, 0-90-0°
	Vernier Double direct to 15 min.
Weight	2.20 lbs. (1kg)
Center Screw Thread	5/8"-11
Limited Warranty	3 years with store receipt

## Hand Held Sight Level

MODEL 80-5556



- Level vial bubble, crosswire and object sight are all seen through the level at the same time
- Obtain level line of sight over long distance
- Convenient pocket-sized tool
- For leveling, grading and hundreds of construction tasks



# LASER DISTANCE MEASURE



LASER DISTANCE MEASURE

## Laser Distance Measuring

- EASY AS 1-2-3  
1: TURN ON  
2: PRESS MEASURE BUTTON  
3: RECORD MEASUREMENT
- EFFICIENT ONE PERSON MEASUREMENTS
- COMPACT SIZE FITS EASILY IN TOOL BELT OR POCKET



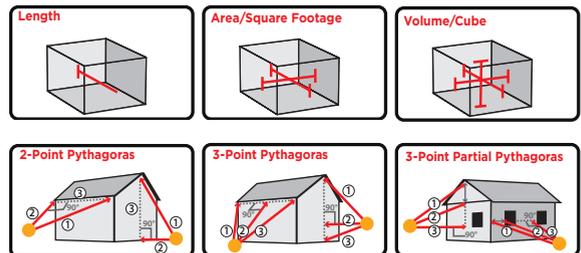
### Functions

- Single Distances
- Area (square)
- Volume (cube)
- Indirect Heights (Pythagoras)
- Stake Out
- Measurement Memory
- Continuous Measuring/Laser
- Min/Max
- Addition/Subtraction
- Feet, Inches, Feet/Inches, Meters

### Designed for

- Fast Estimating
- Carpentry
- Framers
- Flooring
- Plumbing
- Electric
- HVAC
- Appraisers
- Painters
- MRO

### Quickly & Accurately Calculates



## Laser Distance Measure 230'

### MODEL 40-6005

- High speed micro processor calculates quickly
- Ideal for material and project estimating/bidding
- Stores 20 individual measurements sequentially
- Accurate to  $\pm 1/16"/230'$

**40-6005 INCLUDES** > Laser distance measure, soft-sided pouch, safety strap, 2 "AA" alkaline batteries, instruction manual with warranty card



## Laser Distance Measure 165'

### MODEL 40-6001

- Stores 20 individual measurements sequentially
- Use with a tripod for precise measurements
- Accurate to  $\pm 1/16"/165'$
- Countdown timer

**40-6001 INCLUDES** > Laser distance measure, soft-sided pouch, safety strap, 2 "AA" alkaline batteries, instruction manual with warranty card



## Laser Distance Measure 130'

### MODEL 40-6004

- High speed micro processor calculates quickly
- Ideal for material and project estimating/bidding
- Accurate to  $\pm 1/16"/130'$

**40-6004 INCLUDES** > Laser distance measure, 2 "AA" alkaline batteries, instruction manual with warranty card



## Laser Distance Measure 100'

### MODEL 40-6006

- Compact size fits easily in tool belt or pocket
- High speed micro processor calculates quickly
- Ideal for material and project estimating/bidding
- Accurate to  $\pm 1/16"/100'$

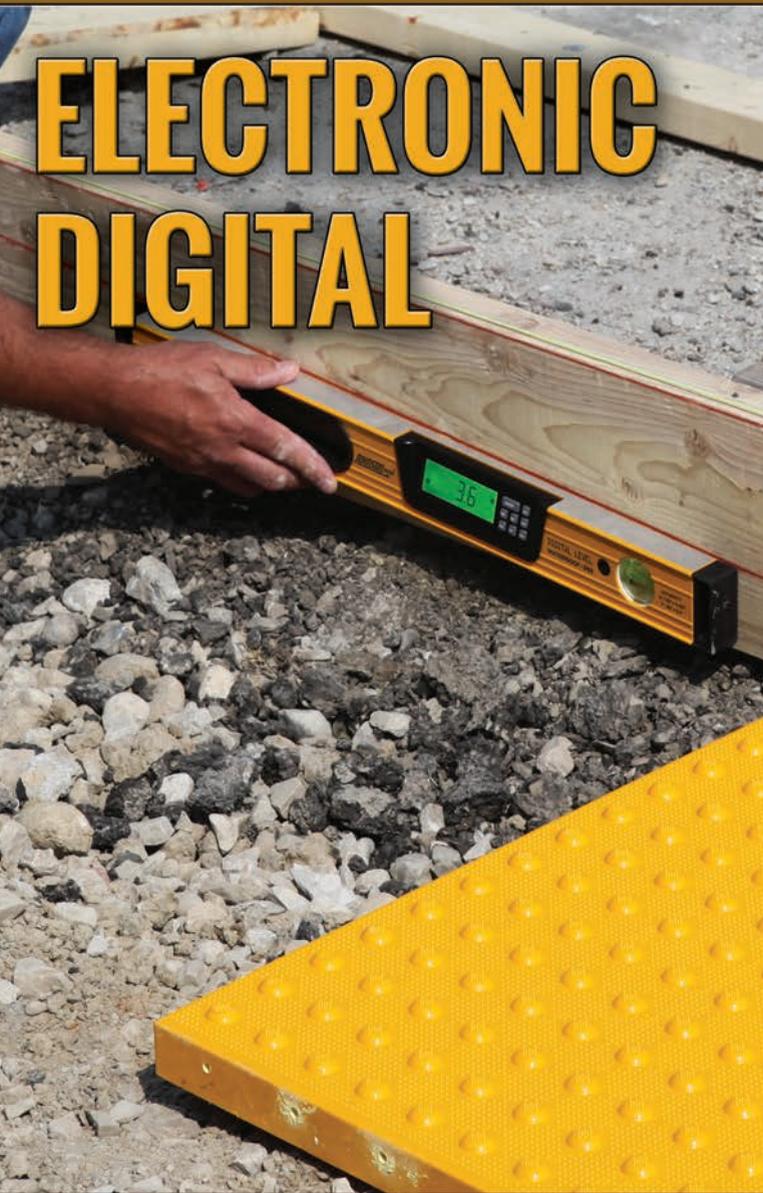
**40-6006 INCLUDES** > Laser distance measure, soft-sided pouch, safety strap, 2 "AAA" alkaline batteries, instruction manual with warranty card



## TECHNICAL SPECIFICATIONS

	40-6005	40-6001	40-6004	40-6006
Units of Measure	Inches (decimal, 1/8, 1/16, 1/32), Feet, Feet + Inches, Metric	Inches (decimal, 1/8, 1/16, 1/32), Feet, Feet + Inches, Metric	Inches (decimal, 1/8, 1/16, 1/32), Feet, Feet + Inches, Metric	Feet + Inches (decimal) Feet + Inches (1/2, 1/4, 1/8, 1/16) Metric
Measuring Types	Single Distance, Min./ Max, Continuous Measuring, Countdown Timer, Stakeout Function	Single Distance, Min./ Max, Continuous Measuring, Stakeout Function	Single Distance, Min./ Max, Continuous Measuring	Single Distance, Continuous Measuring
Calculated Measuring	Addition / Subtraction, Area, Volume, 3 Pythagoras functions	Addition / Subtraction, Area, Volume, 3 Pythagoras functions	Addition / Subtraction, Area, Volume, 1 Pythagoras function	Addition / Subtraction, Area, Volume
Indirect Measuring	Pythagoras Functions	Pythagoras Functions	Pythagoras Function	Pythagoras Function
	2-Point Pythagoras	2-Point Pythagoras	2-Point Pythagoras	2-Point Pythagoras
	3-Point Pythagoras	3-Point Pythagoras		
	3-Point Partial Pythagoras	3-Point Partial Pythagoras		
Measurement Reference Settings	Front, Rear, Corner Extension Piece	Front, Rear, Tripod Thread	Front, Rear, Corner Extension Piece	Front, Rear
Laser Wavelength	650nm (Red)	650nm (Red)	650nm (Red)	660nm (Red)
Laser Classification	Class II	Class II	Class II	Class II
Accuracy	$\pm 1/16"$ ( $\pm 2$ mm)	$\pm 1/16"$ ( $\pm 2$ mm)	$\pm 1/16"$ ( $\pm 2$ mm)	$\pm 1/16"$ ( $\pm 2$ mm)
Working Range	2"-230 ft. (70m)	2"-165 ft. (50m)	2"-130 ft. (40m)	2"-100 ft. (30m)
Power Supply	2 "AA" Alkaline Batteries	2 "AA" Alkaline Batteries	2 "AA" Alkaline Batteries	2 "AAA" Alkaline Batteries
Battery Life	10,000 Measurements	5,000 Measurements	10,000 Measurements	10,000 Measurements
Dimensions	4.33" x 1.77" x 1.375" (110 x 45 x 30mm)	4.75" x 2.4" x 1.3" (104 x 61 x 33mm)	4.33" x 1.77" x 1.375" (110 x 45 x 30mm)	5.75" x 1.375" x 0.875" (146 x 35 x 22mm)
Tripod Screw Thread	NA	1/4"-20	NA	NA
IP Protection Class	54	52	54	54
Limited Warranty	2 years with store receipt	2 years with store receipt	2 years with store receipt	2 years with store receipt

# ELECTRONIC DIGITAL



**LEVELS  
ANGLE LOCATORS  
DIGITAL MEASURING**

## Machine Mountable Electronic Level with Bluetooth

### MODEL 40-6250

- Use for new machinery installation and machinery relocation
- Remote control features large LCD screen reads level in X or Y axis
- Green backlit screen reads digitally and graphically
- Reads via cable outlet or wireless Bluetooth
- 32 ft. Bluetooth supported operating range
- Reads slope in %, mm/m, and in/ft
- Operation range is -10° to +10°
- Measures level in X or Y axis to within a maximum accuracy of 0.01 degrees



### 40-6250 INCLUDES >

Electronic level with Bluetooth with 3 "AA" alkaline batteries, remote control with 3 "AA" alkaline batteries, DC 5V adapter, remote cable and pc cable, instruction manual, carrying case



### TECHNICAL SPECIFICATIONS

Operation Range	-10° to +10°
Leveling Axis	X & Y
Resolution	0.002°, 0.01°, 0.1°, 1°
Repeatability	< 0.005° (2 σ)
Absolute Accuracy (25 )	< 0.01° (±3°) < 0.04° (±10°)
Temperature Drifting	< 1"/ (0°C) < 1.5"/ (±3°)
Response Time	< 2S
Operation Temperature	14° F to 122° (-10° C to +50° C)
Storage Temperature	-4° F to 140° (-20° C to +60° C)
Weight	1.57 lbs. (0.714 kg)
Dimension	5.25" x 2.75" x .95" (134 x 70 x 24mm)
Communication from Electronic Level to	Electronic Level - Remote Control - Bluetooth Output *1 - Cable Output *2 or
Remote Control	Bluetooth Output *1 - Cable Output *1 - PC Output *1
Power Supply	Remote Control: 3 "AA" alkaline batteries (included) Electronic Level: 3 "AA" alkaline batteries or DC 5V (included)
Range for Bluetooth	32 ft. (10m)
Audible Alarm	1. Out of level range indicator 2. Low power supply indicator
Battery Life	Remote Control: 8 hours Electronic Level: 8 hours
LCD Back Light Color	Green
Limited Warranty	1 year with store receipt

## Waterproof Electronic Digital Levels



**MODEL 1880-2400 (24")**  
**MODEL 1880-4800 (48")**

Patented

- IP 65 dust and waterproof
- Extremely accurate with 0.05° at 0° and 90°
- Angle inclination in 5 construction languages - units of measure (degrees, percent, in/ft (fractional), in/ft (decimal), mm/m)
- Quick horizontal and vertical calibration
- Automatic digit inversion for overhead measurements
- Reference function making any slope "0.0"
- Hold function locks measurement on the LCD
- Working range on angle measurement 4 x 90°

**1880-2400 & 1880-4800 INCLUDES >**  
 Digital level, instruction manual, soft-sided pouch



## Electronic Digital Levels

Patent Pending

**MODEL 1876-2400 (24")**  
**MODEL 1876-4800 (48")**



- Large easy-read electronic digital display features illuminated LCD
- Angle inclination in 5 construction languages - units of measure (degrees, percent, in/ft (fractional), in/ft (decimal), mm/m)
- Quick horizontal and vertical calibration
- Automatic digit inversion for overhead measurements
- Reference function making any slope "0.0"
- Hold function locks measurement on the LCD
- Working range on angle measurement 4 x 90°
- SurroundView® vials reflect ambient light for easy-read
- Audible level and plumb indicator

**1876-2400 & 1876-4800 INCLUDES >**  
 Digital level, instruction manual, soft-sided pouch



### TECHNICAL SPECIFICATIONS

Working Range	0° to 90°
Resolution	0.05° or 0.1° 0.09% or 0.2% 1/8" 0.125"
	0.9mm/m or 2mm/m
Accuracy	±0.05° for 0° and 90°, ± 0.1° for other angles
Power Supply	2 "AAA" alkaline batteries (not included)
Units of Measure	Degrees, percent, in/ft (fractional), in/ft (decimal), mm/m
Battery Life	Approximately 100 hours continuous use
Dimensions	24" x 1" x 2.4" (610 x 25 x 61mm) (1880-2400) 48" x 1" x 2.4" (1219 x 25 x 61mm) (1880-4800)
Weight	1.19 lbs. (0.54kg) (1880-2400) 2.30 lbs. (1.04kg) (1880-4800)
Working Temperature	14°F to 122°F (-10°C to +50°C)
IP Protection Class	65
Limited Warranty	Limited lifetime warranty with store receipt

### TECHNICAL SPECIFICATIONS

Working Range	0° to 90°
Resolution	0.1°, 0.1%, 1/8" 0.125", 1 mm/m
Accuracy	±0.1° for 0° and 90°, ± 0.2° for other angles
Units of Measure	Degrees, percent, in/ft (fractional), in/ft (decimal), mm/m
Power Supply	2 "AAA" alkaline batteries (not included)
Battery Life	Approximately 100 hours continuous use
Dimensions	24" x 1" x 2.4" (610 x 25 x 61mm) (1876-2400) 48" x 1" x 2.4" (1219 x 25 x 61mm) (1876-4800)
Weight	1.19 lbs. (0.54kg) (1876-2400) 2.30 lbs. (1.04kg) (1876-4800)
Working Temperature	14°F to 122°F (-10°C to +50°C)
IP Protection Class	54
Limited Warranty	Limited lifetime warranty with store receipt

## 23" Magnetic Digital Level & Angle Locator with Dot Laser

MODEL 40-6065



Patent Pending

- 5 construction languages - units of measure (degrees, percent, mm/m, in/ft in decimal, in/ft in fractional)
- Working range of angle measurement is 0° to 182.5°
- Automatic digit inversion for overhead measurements
- Backlight for easy-read in dimly lit work environment
- Laser beam for transfer of reference points
- Powerful GripTight™ rare earth magnets hold to ferrous metal surfaces
- Push button calibration
- Audible indicator at 0° and 90°
- V-groove



### INCLUDES 40-6065 >

Magnetic digital level/angle locator with dot laser, 3 "AA" alkaline batteries, instruction manual, soft-sided pouch

## 12" Magnetic Digital Laser Level

MODEL 40-6080



Patent Pending

- 5 construction languages - units of measure (degrees, percent, mm/m, in/ft in decimal, in/ft in fractional)
- LCD screen rotates for easy top-reading
- Automatic digit inversion for overhead measurements
- Backlight for easy-read in dimly lit work environment
- Powerful GripTight™ rare earth magnets hold to ferrous metal surfaces
- Push button calibration
- Laser beam for transfer of reference points
- Audible indicator at 0° and 90°
- V-groove

**40-6080 INCLUDES >** Magnetic digital laser level with dot laser and rotating display, 3 "AAA" alkaline batteries, instruction manual, soft-sided pouch



### TECHNICAL SPECIFICATIONS

Laser Wavelength	650nm ± 10
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±0.1° for 0° and 90°, and ±0.2° for 1° to 89°
Laser Accuracy	±1/8"/50 ft. (± 0.2mm/m)
Laser Interior Range	Up to 100 ft. (30m) depending upon light conditions
Resolution	±0.1° or 0.1%
Working Range	0° to 90°
Power Supply	3 "AAA" alkaline batteries (included)
Battery Life	Approximately 70 hours continuous use
Dimensions	12" x 2.36" x 1.25" (305 x 60 x 32 mm)
Weight	1.48 lbs. (0.67kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4" - 20
Limited Warranty	3 years with store receipt

## 6" Magnetic Digital Level

MODEL 40-6060



- 5 construction languages - units of measure (degrees, percent, mm/m, in/ft in decimal, in/ft in fractional)
- Automatic digit inversion for overhead measurements
- Backlight for easy-read in dimly lit work environment
- Powerful GripTight™ rare earth magnets hold to ferrous metal surfaces
- Push button calibration
- Audible indicator at 0° and 90°

**40-6060 INCLUDES >** Magnetic digital level, 3 "AAA" alkaline batteries, instruction manual, soft-sided pouch



### TECHNICAL SPECIFICATIONS

Laser Wavelength	650nm ± 10
Laser Classification	Class IIIa
Maximum Power Output	≤5mW
Accuracy	±0.1° for 0° and 90°, and ±0.2° for 1° to 89°
Laser Accuracy	±1/8"/50 ft. (± 0.2mm/m)
Laser Interior Range	Up to 100 ft. (30m) depending upon light conditions
Resolution	0.1° or 0.1%
Working Range	0° to 90°
Working Range Angle	0° - 182.5°
Accuracy Angle	±0.1°
Power Supply	3 "AA" alkaline batteries and 1 3V CR 2032 lithium battery (included)
Battery Life	Approximately 70 hours continuous use
Dimensions	23.6" x 2.48" x 1.57" (600 x 63 x 40mm)
Weight	2.64 lbs. (1.2kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4"-20
Limited Warranty	3 years with store receipt

### TECHNICAL SPECIFICATIONS

Accuracy	±0.1° for 0° and 90°, and ±0.2° for 1° to 89°
Working Range	0° to 90°
Resolution	±0.1° or .1%, 1/8", 0.02", 1.7mm
Power Supply	3 "AAA" alkaline batteries (included)
Battery Life	Approximately 100 hours continuous use
Dimensions	6.45" x 2.3" x 1.25" (156 x 56 x 31mm)
Weight	0.66 lbs. (0.30kg)
Working Temperature	14°F to 113°F (-10°C to +45°C)
Center Screw Thread	1/4"-20
Limited Warranty	3 years with store receipt

## 6.5" Digital Level

**MODEL 1455-0000**



Patented

- Measures in both absolute and relative measurements
- Unique hold feature allows you to take a measurement in an unreadable position
- Angle inclination is in 2 construction languages – units of measure (degrees and percent)
- Working range of angle measurement 4 x 90°
- Automatic shut-off after 3 minutes without use

**1455-0000 INCLUDES** > Digital level, 2 “AAA” alkaline batteries, instruction manual, 1 knurled screw (M4 x 20)

### TECHNICAL SPECIFICATIONS

Accuracy	± 0.1° for 0° and 90°, and ± 0.2° for all others
Resolution	0.1°
Working Range	0° to 90°
Power Supply	2 “AAA” alkaline batteries (included)
Battery Life	Approximately 100 hours continuous use
Auto Shut-Off Time	After approx. 3 minutes without use
Dimensions	6.5" x 2.09" x 0.98" (165 x 53 x 25mm)
Weight	0.529 lbs. (0.24 kg)
Working Temperature	37°F to 114°F (5°C to 50°C)
Limited Warranty	1 year with store receipt

## Magnetic Digital Angle Locator- 2 Button

**MODEL 1886-0000**

- Automatic LCD backlight
- Automatic digit inversion for overhead measurements
- Measures in both absolute and relative measurements
- Angle display in degrees
- Working range of angle measurement 0 x 90°
- Magnetic base



Patented

## Professional Magnetic Digital Angle Locator- 2 Button

**MODEL 1886-0100**

- Angle display in degrees
- Working range of angle measurement 0 x 180°
- Magnetic base



Patented

## Professional Magnetic Digital Angle Locator- 3 Button

**MODEL 1886-0200**

- Measures in both absolute and relative measurements
- Angle display in degrees
- Working range of angle measurement 0 x 180°
- Solid aluminum housing
- Hold function locks measurement on the LCD
- Magnetic base



Patented

## Professional Magnetic Digital Angle Locator- 3 Button with V-Groove

**MODEL 1886-0300**

- Measures in both absolute and relative measurements
- Angle display in degrees
- Working range of angle measurement 0 x 180°
- Hold function locks measurement on the LCD
- V-groove magnetic base



Patented

## Professional Magnetic Digital Angle Locator- 3 Button with V-Groove and Vial

**MODEL 1886-0400**

- Measures in both absolute and relative measurements
- Angle display in degrees
- Working range of angle measurement 0 x 180°
- Solid aluminum housing
- Hold function locks measurement on the LCD
- Top mounted vial
- V-groove magnetic base



Patented

**1886-0000, 1886-0100, 1886-0200, 1886-0300, 1886-0400 INCLUDES** > Digital angle locator, 1 “AAA” alkaline battery (1886-0000) and 1 3V CR2032 lithium battery (1886-0100, 1886-0200, 1886-0300, 1886-0400), instruction manual, soft-sided pouch

### TECHNICAL SPECIFICATIONS

Accuracy	± 0.1° for 0° and 90°, and ± 0.2° for all others (1886-0000) ± 0.1° (1886-0100, 1886-0200, 1886-0300, 1886-0400)
Resolution	0.1°
Working Range	0° to 90° (1886-0000) 0° to 180° (1886-0100, 1886-0200, 1886-0300, 1886-0400)
Power Supply	1 “AAA” alkaline battery (included) (1886-0000) 1 3V CR2032 lithium battery (included) (1886-0100, 1886-0200, 1886-0300, 1886-0400)
Working Temperature	32°F to 122°F (0° to 50° C)
Limited Warranty	1 year with store receipt

## Digital Angle Locator and Ruler

**MODEL 1888-0700 (7")**  
**MODEL 1888-1100 (11")**  
**MODEL 1888-1900 (19")**

Patented 



- Digitally displays in degrees
- Stainless steel scale in 1/32nds and mm
- Easy two button operation
- Zero button sets any point to zero
- Lock function enables the blades to lock at any angle
- Automatic shut-off after 6 minutes without use

**1888-0700, 1888-1100, 1888-1900 INCLUDES >**  
 Digital angle locator and ruler, 1 3V CR2032 lithium battery, instruction manual



### TECHNICAL SPECIFICATIONS

Working Angle Range	0° to 999.9°
Accuracy Angle	± 0.3°
Resolution	0.1°
Power Supply	1 3V CR2032 lithium battery (included)
Ruler Length	7" - 1888-0700, 11" - 1888-1100, 19" - 1888-1900
Ruler Tolerance	0.010" over length of tool
Working Temperature	32°F to 122°F (0°C to 50°C)
Limited Warranty	1 year with store receipt

## Digital Angle Locators

**MODEL 1750-1000 (10")**  
**MODEL 1750-1200 (12")**



- Digitally displays angle
- Angle measurements in degrees
- Working range of angle measurement 0 to 225°
- Zero button for measurements of absolute or relative angles
- Automatic shut-off after 5 minutes without use

**1750-1000 & 1750-1200 INCLUDES >**  
 Digital angle locator, 1 3V CR2032 lithium battery, instruction manual



### TECHNICAL SPECIFICATIONS

Working Range Angle	0° to 225°
Accuracy	± 0.3°
Resolution	± 0.1°
Power Supply	1 3V CR2032 lithium battery (included)
Battery Life	Approximately 2,000 hours continuous use
Dimensions	10" x 1" x 2" (254 x 25 x 50mm) (1750-1000) 12" x 1" x 2" (305 x 25 x 50mm) (1750-1200)
Weight	0.435 lbs. (0.198kg) (1750-1000) 0.625 lbs. (0.248kg) (1750-1200)
Limited Warranty	1 year with store receipt

## Universal Digital Protractor

### MODEL 1454-0000

- Stainless steel construction
- Easy-to-read LCD
- Zero setting at any position of the measuring range
- Fine adjustment for easy setting of a desired angle
- Locking lever to prevent accidental adjustment
- Blade can be locked
- Changeable direction



**1454-0000 INCLUDES >** Digital protractor, 1 3V CR2032 lithium battery, 70mm, 150mm, 300mm blades, calibration square, instruction manual, hard case



#### TECHNICAL SPECIFICATIONS

Measuring Range	0 - 360°
Resolution	30"
Accuracy	±5'
Power Supply	1 3V CR2032 lithium battery (included)
Battery Life	Approximately 1 year
Dimensions	5.5" x 1.5" x 2.5" (139 x 38 x 63mm)
Weight	0.740 lbs. (0.336kg)
Working Temperature	32°F to 104°F (0°C to 40°C)
Limited Warranty	1 year with store receipt

## Digital Bore Gauge

### MODEL 1456-0000

- Large easy-to-read digital LCD display
- 360° rotating bezel
- Dual readings in inch and millimeter with an electronic display
- Simple one button calibration procedure
- Output jack allows data transmission. Data output can be used by a variety of peripherals for analysis, data collection and hard copy documentation – data output RS232.

**1456-0000 INCLUDES >** Digital bore gauge, shaft and 2" - 6" measuring head, various extension posts, spacers, 2" extension, 2 3V CR2032 lithium batteries, instruction manual, hard case



#### TECHNICAL SPECIFICATIONS

Accuracy	0.02mm
Resolution	0.002mm and 0.0001"
Power Supply	2 3V CR2032 lithium batteries (included)
Dimensions	5.70" x 3.46" x 2.51" (145 x 88 x 64mm)
Weight	0.672 lbs. (0.305kg)
Limited Warranty	1 year with store receipt

## Digital Indicators

### MODEL 1455-0100

### MODEL 1455-0200

- Toggle between inch and millimeter at any position
- 360° rotating bezel
- Measures in relative and absolute measurements
- Upper limit and lower limit preset
- Toggles between minimum, maximum and total indicator readings
- Operates in plus or minus travel direction
- Output jack allows data transmission. Data output can be used by a variety of peripherals for analysis, data collection and hard copy documentation – data output RS232

**1455-0100 & 1455-0200 INCLUDES >**

Digital indicator, 1 CR2032 3V lithium battery, instruction manual, hard case



#### TECHNICAL SPECIFICATIONS

Accuracy	0.02mm (1455-0100) 0.01mm (1455-0200)
Resolution	0.0001" and 0.002mm (1455-0100) 0.0001" and 0.001mm (1455-0200)
Power Supply	1 3V CR2032 lithium battery (included)
Battery Life	Approximately 2,000 hours continuous use
Dimensions	2.44" x 1.38" x 5" (62 x 35 x 127mm)
Weight	0.325 lbs. (0.146kg)
Limited Warranty	1 year with store receipt

## 6" Digital Caliper

MODEL 1889-0600

- Large easy-to-read digital LCD display
- Measurements read in Millimeters, Inch-Decimal and Inch-Fraction
- Zero button to set display to 0.00 at any position
- Resolution reads to 0.0005" and 0.01mm and 1/64" in fraction mode
- Working range 0 to 6" and 0 to 150mm
- Scale in tenths of an inch up to 6 inches and millimeters up to 150 millimeters
- Thumb wheel and locking knob to set and lock the scale at any desired measurement
- Ideal for inside, outside, depth and step measurements
- Low battery indicator when display numbers are flashing
- Automatic shut-off after 5 minutes without use



**1889-0600 INCLUDES** > Caliper, 1 LR44 alkaline battery, instruction manual, hard case

### TECHNICAL SPECIFICATIONS

Accuracy	0.001"
Resolution	0.0005" and 0.01mm and 1/64" in fraction mode
Working Range	0 to 6" and 0 to 150mm
Power Supply	1 LR44 alkaline battery (included)
Dimensions	9.25" x 3.06" x 0.25" (235 x 78 x 6mm)
Weight	0.34 lbs. (0.15kg)
Limited Warranty	1 year with store receipt

## Digital Depth Gauge

MODEL 1887-0000

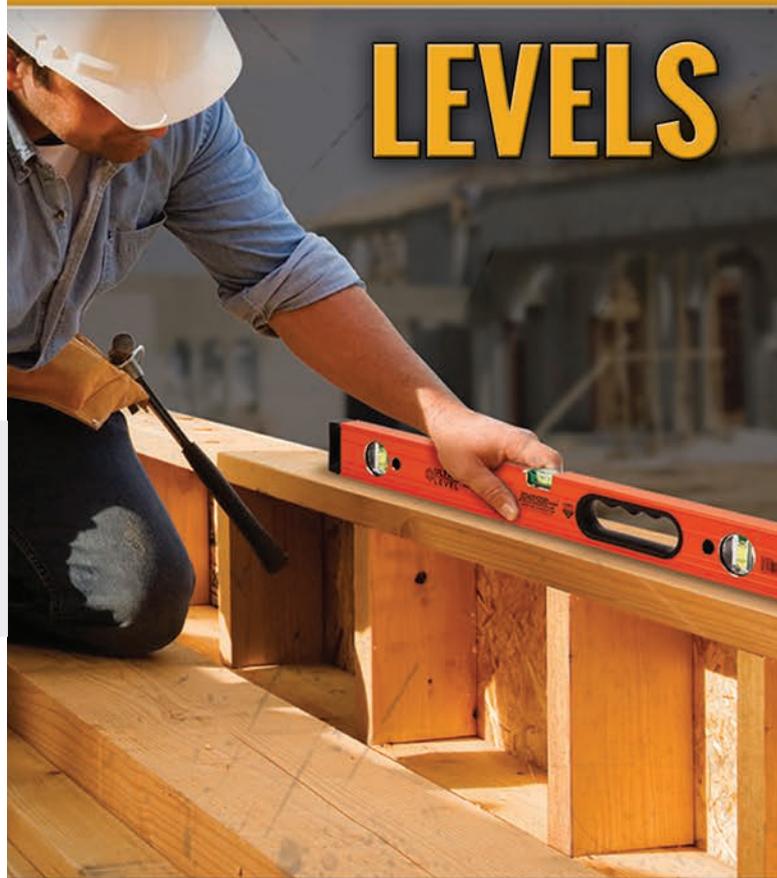
- Large easy-to-read digital LCD display
- Measurements read in Inch-Decimal, Inch-Fraction and Millimeters with the push of a button
- Measures in both absolute and incremental modes
- Automatic shut-off after 5 minutes without use
- Measuring scale with a locking knob to lock the scale at any desired measurement
- Free standing magnetic base
- Depth pin for measuring holes



**1887-0000 INCLUDES** > Digital depth gauge, 1 3V CR2032 lithium battery, instruction manual, depth pin

### TECHNICAL SPECIFICATIONS

Accuracy	± 0.004" (± 0.1mm)
Resolution	± 0.002" (± 0.05mm)
Working Range	Scale: 0-3" (1-80mm) Depth Pin: 0-2" (0-50mm)
Power Supply	1 3V CR2032 lithium battery (included)
Battery Life	Approximately 1,500 hours continuous use
Dimensions	4.35" x 5.63" (110 x 143mm)
Weight	0.20 lbs. (0.94kg)
Working Temperature	32°F to 122°F (0°C to 50°C)
Limited Warranty	1 year with store receipt



# LEVELS

**WOOD LEVELS**  
**BOX LEVELS**  
**I-BEAM LEVELS**  
**TORPEDO LEVELS**  
**LINE & SURFACE LEVELS**  
**SPECIALTY LEVELS**



## Eco-Tech® Bamboo I-Beam Levels Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
IB24	24"	Eco-Tech® Bamboo I-Beam Level w/recessed grips	6	P-L-P
IB48	48"	Eco-Tech® Bamboo I-Beam Level w/hand holes	6	P-L-P
IB72	72"	Eco-Tech® Bamboo I-Beam Level w/hand holes	8	P-L-L-P

- Heavy duty aluminum I-beam frame assures strength and durability
- Bamboo panels inserted in frame
- Hand set vials assure maximum accuracy
- Durable impact resistant acrylic vials are stronger than glass vials
- Replaceable hardened glass lenses resist scratching and fogging
- Shock absorbing rubber end caps protect frame



## Eco-Tech® Bamboo Levels Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1601-2400	24"	Eco-Tech® Bamboo Level w/hand holes	3	P-L-P
1601-4800	48"	Eco-Tech® Bamboo Level w/hand holes	3	P-L-P

- Strong, durable, laminated bamboo frame
- Top-read window maximizes readability
- Solid block acrylic vials won't fog, leak or break
- Hand set vials assure maximum accuracy
- Flush mounted protective metal buildings
- Shock absorbing rubber end caps protect frame



## Eco-Tech® Bamboo Levels Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1600-2400	24"	Eco-Tech® Bamboo Level w/recessed grips	6	P-L-P
1600-4800	48"	Eco-Tech® Bamboo Level w/hand holes	6	P-L-P

- Strong, durable, laminated bamboo frame
- Hand set vials assure maximum accuracy
- Durable impact resistant acrylic vials are stronger than glass vials
- Flush mounted protective metal buildings
- Shock absorbing rubber end caps protect frame

P = Plumb / L = Level / MP = Multi-Pitch®



## Ultra Level™ Aluminum Box Levels

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1816	16"	Ultra Level™ Aluminum Box Level	2	P-L
1824	24"	Ultra Level™ Aluminum Box Level	3	P-L-P
1832	32"	Ultra Level™ Aluminum Box Level	3	P-L-P
1836	36"	Ultra Level™ Aluminum Box Level	3	P-L-P
1848	48"	Ultra Level™ Aluminum Box Level	3	P-L-P
1859	59"	Ultra Level™ Aluminum Box Level	3	P-L-P
1872	72"	Ultra Level™ Aluminum Box Level	3	P-L-P
1878	78"	Ultra Level™ Aluminum Box Level	3	P-L-P
1896	96"	Ultra Level™ Aluminum Box Level	3	P-L-P
1824-59	24" & 59"	Ultra Level™ Level Set	3 & 3	P-L-P & P-L-P
1832-78	32" & 78"	Ultra Level™ Door Jamb Set	3 & 3	P-L-P & P-L-P
1924	24"	<b>Magnetic</b> Ultra Level™ Aluminum Box Level	3	P-L-P
1932	32"	<b>Magnetic</b> Ultra Level™ Aluminum Box Level	3	P-L-P
1936	36"	<b>Magnetic</b> Ultra Level™ Aluminum Box Level	3	P-L-P
1948	48"	<b>Magnetic</b> Ultra Level™ Aluminum Box Level	3	P-L-P
1959	59"	<b>Magnetic</b> Ultra Level™ Aluminum Box Level	3	P-L-P
1972	72"	<b>Magnetic</b> Ultra Level™ Aluminum Box Level	3	P-L-P
1978	78"	<b>Magnetic</b> Ultra Level™ Aluminum Box Level	3	P-L-P
1932-78	32" & 78"	<b>Magnetic</b> Ultra Level™ Door Jamb Set	3 & 3	P-L-P & P-L-P

- Powerful magnets hold to ferrous metal surfaces
- World's Most Accurate Level .0.3mm/m (40% more accurate)
- Lifetime guarantee
- Durable impact resistant solid block acrylic vials
- Magnified horizontal vial with patented Glo-View® maximizes vial readability
- Soft-touch ergonomic hand grips
- Durable aluminum frame
- Removeable shock-absorbing end caps



## Big J® Pro Aluminum Box Levels



Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1737-1600	16"	Big J® Pro Aluminum Box Level	1	P
1737-2400	24"	Big J® Pro Aluminum Box Level	3	P-L-P
1737-3200	32"	Big J® Pro Aluminum Box Level	3	P-L-P
1737-3600	36"	Big J® Pro Aluminum Box Level	3	P-L-P
1737-4800	48"	Big J® Pro Aluminum Box Level	3	P-L-P
1737-5900	59"	Big J® Pro Aluminum Box Level	3	P-L-P
1737-7200	72"	Big J® Pro Aluminum Box Level	4	P-L-L-P
1737-7800	78"	Big J® Pro Aluminum Box Level	4	P-L-L-P
1737-9600	96"	Big J® Pro Aluminum Box Level	4	P-L-L-P
1737-2459	24" & 59"	Big J® Pro Aluminum Box Level Set	3 & 3	P-L-P & P-L-P
1737-3278	32" & 78"	Big J® Pro Aluminum Box Level Door Jamb Set	3 & 4	P-L-P & P-L-L-P
1738-2400	24"	<b>Magnetic</b> Big J® Pro Aluminum Box Level	3	P-L-P
1738-3200	32"	<b>Magnetic</b> Big J® Pro Aluminum Box Level	3	P-L-P
1738-3600	36"	<b>Magnetic</b> Big J® Pro Aluminum Box Level	3	P-L-P
1738-4800	48"	<b>Magnetic</b> Big J® Pro Aluminum Box Level	3	P-L-P
1738-5900	59"	<b>Magnetic</b> Big J® Pro Aluminum Box Level	3	P-L-P
1738-7200	72"	<b>Magnetic</b> Big J® Pro Aluminum Box Level	4	P-L-L-P
1738-7800	78"	<b>Magnetic</b> Big J® Pro Aluminum Box Level	4	P-L-L-P
1738-9600	96"	<b>Magnetic</b> Big J® Pro Aluminum Box Level	4	P-L-L-P
1738-3278	32" & 78"	<b>Magnetic</b> Big J® Pro Alum Box Level Door Jamb Set	3 & 4	P-L-P & P-L-L-P

- Powerful GripTight™ v-groove rare earth magnets hold to flat or round ferrous metal surfaces
- Lifetime guarantee
- Maximum accuracy
- Patented Glo-View® recharges the vial surrounds from light sources for easy-read in low light
- Domed level vial offers 320° visibility
- Large comfortable rubberized hand grips
- Reinforced aerospace aluminum alloy frame
- Removable GripTight™ end caps hold level in place

P = Plumb / L = Level / MP = Multi-Pitch®



## Heavy Duty Aluminum Box Levels



Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1717-2400	24"	Heavy Duty Aluminum Box Level	3	P-L-P
1717-3200	32"	Heavy Duty Aluminum Box Level	3	P-L-P
1717-4800	48"	Heavy Duty Aluminum Box Level	3	P-L-P
1717-7200	72"	Heavy Duty Aluminum Box Level	4	P-L-L-P
1717-9600	96"	Heavy Duty Aluminum Box Level	4	P-L-L-P
1717-3278	32" & 78"	Heavy Duty Aluminum Box Level Door Jamb Set	3 & 4	P-L-P & P-L-L-P
1718-2400	24"	<b>Magnetic</b> Heavy Duty Aluminum Box Level	3	P-L-P
1718-4800	48"	<b>Magnetic</b> Heavy Duty Aluminum Box Level	3	P-L-P
1718-7800	78"	<b>Magnetic</b> Heavy Duty Aluminum Box Level	4	P-L-L-P
1718-9600	96"	<b>Magnetic</b> Heavy Duty Aluminum Box Level	4	P-L-L-P
1718-3278	32" & 78"	<b>Magnetic</b> Heavy Duty Alum Box Level Door Jamb Set	3 & 4	P-L-P & P-L-L-P

- Powerful GripTight™ v-groove rare earth magnets hold to flat or round ferrous metal surfaces
- Lifetime guarantee
- Guaranteed accuracy
- Patented Glo-View® recharges the vial surrounds from light sources for easy-read in low light
- Domed level vial offers 320° visibility
- Large comfortable rubberized hand grips
- Reinforced aerospace aluminum alloy frame
- Removable GripTight™ end caps hold level in place



## Aluminum Box Levels



Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1741-2400	24"	Aluminum Box Level	3	P-L-P
1741-4800	48"	Aluminum Box Level	3	P-L-P
1741-7200	72"	Aluminum Box Level	3	P-L-P

- SurroundView® vials reflect ambient light for easy-read
- Screwed on hand grips stay on tool
- Solid block acrylic vials won't fog, leak or break
- Protective end caps



## Aluminum Box Levels



MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1735-2400	24"	Aluminum Box Level	3	P-L-P
1735-4800	48"	Aluminum Box Level	3	P-L-P

- Aluminum box frame for durability
- Solid block acrylic vials won't fog, leak or break
- Ergonomic cushioned hand grips
- Shock absorbing end caps protect frame



## Big J® Pro Heavy Duty Aluminum Levels

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1253-2400	24"	Big J® Pro Heavy Duty Aluminum Level	3	P-L-P
1253-4800	48"	Big J® Pro Heavy Duty Aluminum Level	4	P-L-L-P
1253-7200	72"	Big J® Pro Heavy Duty Aluminum Level	5	P-L-P-L-P
1253-7800	78"	Big J® Pro Heavy Duty Aluminum Level	5	P-L-P-L-P
1253-9600	96"	Big J® Pro Heavy Duty Aluminum Level	5	P-L-P-L-P
1254-1800	18"	Magnetic Big J® Pro Heavy Duty Aluminum Level	3	P-L-45
1254-2400	24"	Magnetic Big J® Pro Heavy Duty Aluminum Level	3	P-L-45
1254-4800	48"	Magnetic Big J® Pro Heavy Duty Aluminum Level	4	P-L-L-P
1254-7800	78"	Magnetic Big J® Pro Heavy Duty Aluminum Level	5	P-L-P-L-P
1254-9600	96"	Magnetic Big J® Pro Heavy Duty Aluminum Level	5	P-L-P-L-P

- Strong holding magnetic edge allows hands free use on ferrous metal surfaces
- Lifetime guarantee
- Maximum accuracy
- Oversized 1/2" diameter vials are easy-read
- Heavy duty aluminum frame assures durability and accuracy
- Ergonomic cushioned hand grips
- SurroundView® vials reflect ambient light for easy-read
- Top-read window maximizes readability
- Field replaceable cover plates and vials
- Shock absorbing end caps protect frame



## Heavy Duty Aluminum Levels

Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1233-2400	24"	Heavy Duty Aluminum Level	3	P-L-P
1233-4800	48"	Heavy Duty Aluminum Level	4	P-L-L-P
1233-7200	72"	Heavy Duty Aluminum Level	5	P-L-P-L-P
1234-2400	24"	Magnetic Heavy Duty Aluminum Level	3	P-L-45
1234-4800	48"	Magnetic Heavy Duty Aluminum Level	4	P-L-L-P
1234-7800	78"	Magnetic Heavy Duty Aluminum Level	5	P-L-P-L-P

- Strong holding magnetic edge allows hands free use on ferrous metal surfaces
- Oversized 1/2" diameter vials are easy-read
- Heavy duty aluminum frame Job Site Tough™
- Ergonomic cushioned hand grips
- SurroundView® vials reflect ambient light for easy-read
- Top-read window maximizes readability
- Field replaceable cover plates and vials
- Shock absorbing end caps protect frame



## Professional Aluminum Levels

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
3718	18"	Professional Aluminum Level	3	P-L-P
3724	24"	Professional Aluminum Level	3	P-L-P
3736	36"	Professional Aluminum Level	3	P-L-P
3748	48"	Professional Aluminum Level	3	P-L-P
3772	72"	Professional Aluminum Level	5	P-L-P-L-P
3796	96"	Professional Aluminum Level	5	P-L-P-L-P
3818	18"	<b>Magnetic</b> Professional Aluminum Level	3	P-L-P
3824	24"	<b>Magnetic</b> Professional Aluminum Level	3	P-L-P
3836	36"	<b>Magnetic</b> Professional Aluminum Level	3	P-L-P
3848	48"	<b>Magnetic</b> Professional Aluminum Level	3	P-L-P
3872	72"	<b>Magnetic</b> Professional Aluminum Level	5	P-L-P-L-P
3878	78"	<b>Magnetic</b> Professional Aluminum Level	5	P-L-P-L-P
3896	96"	<b>Magnetic</b> Professional Aluminum Level	5	P-L-P-L-P

- Strong holding magnetic edge allows hands free use on ferrous metal surfaces
- Heavy duty aluminum frame assures durability and accuracy
- Top-read window maximizes readability
- Durable easy-read acrylic vials are impact resistant
- Replaceable cover plates and vials
- Shock absorbing end caps protect frame



Patented

## Aluminum Levels w/Rule

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1300-1200	12"	Aluminum Level w/Rule	3	P-L-45
1300-1800	18"	Aluminum Level w/Rule	3	P-L-P
1300-2400	24"	Aluminum Level w/Rule	3	P-L-P
1300-3600	36"	Aluminum Level w/Rule	3	P-L-P
1300-4800	48"	Aluminum Level w/Rule	3	P-L-P

- Top-read window
- Durable acrylic vials
- Ruled working edge
- Protective end caps



## Structo-Cast® Levels



MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
7714-0	14"	Structo-Cast® Level w/hand grips	2	P-L
7718-0	18"	Structo-Cast® Level w/hand grips	3	P-L-45°
7724-0	24"	Structo-Cast® Level w/hand grips	3	P-L-45°
7736-0	36"	Structo-Cast® Level w/hand grips	3	P-L-45°
7748-0	48"	Structo-Cast® Level w/hand grips	3	P-L-45°

- Tough Structo-Cast® frame is non-conductive and will not scratch fine wood or painted surfaces
- Durable easy-read acrylic vials are impact resistant
- Quik-Change™ replaceable vial covers



## Level Guard® Level Case

MODEL LC48 (48")



Patented

- Tough, high-density molded case
- Exclusive structural contours add strength
- Removable, snap-on cap
- Protects your level during transport and storage



Patented

## 10" Magnetic Electronic Digital Torpedo Level

### MODEL 1457-1000

- Angle inclination in 3 construction languages - units of measure (degrees, percent, in/ft (fractional))
- Field calibration mode
- Automatic digit inversion for overhead measurements
- Reference function making any slope "0.0"
- Hold function locks measurement on the LCD
- Working range on angle measurement 4 x 90°
- Powerful rare earth magnets hold to ferrous metal surfaces
- V-groove frame fits on pipe and conduit
- Super strong solid aluminum frame
- SurroundView® vials reflect ambient light for easy-read
- Two vials read plumb and level
- Bright LCD backlight
- Audible and visual plumb and level indicators

**INCLUDES** > Digital level, instruction manual

### TECHNICAL SPECIFICATIONS

Display Range	4 x 90°
Resolution	0.1°, 0.1%, 1/8"
Accuracy	± 0.1° for 0° and 90° ± 0.2° for other angles
Power Supply	1 "AAA" alkaline battery (not included)
Battery Life	Approximately 50 hours continuous use
Dimensions	10" x 2" x 0.75" (254 x 50 x 19mm)
Weight	0.44 lbs (0.19 kg)
Working Temperature	32°F to 122°F (-10°C to +50°C)
IP Protection Class	50
Limited Warranty	Limited lifetime warranty with store receipt



## Magnetic Billet Torpedo Levels

Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1411-0600	6"	Magnetic Billet Torpedo Level	4	30°-45°-P-L
1411-0900	9"	Magnetic Billet Torpedo Level	4	30°-45°-P-L

- Powerful GripTight™ v-groove rare earth magnets hold to flat or round ferrous metal surfaces
- Conduit lock for accurate bend offsets (model 1411-0600 only)
- Solid billet aluminum frame
- Machined vial openings to assure accuracy

P = Plumb / L = Level / MP = Multi-Pitch®

## Magnetic Welder's Torpedo Level



MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1404-1000	10"	Magnetic Welder's Torpedo Level	3	P-L-45°

- Powerful GripTight™ v-groove rare earth magnets hold to flat or round ferrous metal surfaces
- Solid cast aluminum frame
- SurroundView® vials reflect ambient light for easy-read
- V-groove frame fits on pipe and conduit
- Solid block acrylic vials won't fog, leak or break



## Magnetic Big J® Pro Torpedo Levels

Patented

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1435-1000	10"	Magnetic Big J® Pro Torpedo Level	3	P-L-45°
1435-1200	12"	Magnetic Big J® Pro Torpedo Level	4	P-L-MP-45°

- Powerful GripTight™ v-groove rare earth magnets hold to flat or round ferrous metal surfaces
- Oversized solid aluminum frame Job Site Tough™
- SurroundView® vials reflect ambient light for easy-read
- Multi-Pitch® vial reads slope in 1/8" increments (model 1435-1200 only)
- V-groove frame fits on pipe and conduit
- Oversized 1/2" diameter vials are easy-read
- Top-read window for easy viewing (two windows on model 1435-1200)



Patented

## Magnetic Aluminum Reinforced Torpedo Levels

MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1421-0900	9"	Magnetic Aluminum Reinforced Torpedo Level	3	P-L-45°
1421-1200	12"	Magnetic Aluminum Reinforced Torpedo Level	4	P-L-MP-45°

- Magnetic working edge allows for hands-free use on ferrous metal surfaces
- Oversized aluminum reinforced frame
- SurroundView® vials reflect ambient light for easy-read
- Multi-Pitch® vial reads slope in 1/8" increments (model 1421-1200 only)
- V-groove frame fits on pipe and conduit
- Oversized 1/2" diameter vials are easy-read
- Top-read window for easy viewing (two windows on model 1421-1200)
- Tapered design fits in tool pouch or pocket



Patented

## Magnetic Glo-View® Heavy Duty Aluminum Torpedo Level



MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
5500M-GLO	9"	<b>Magnetic Glo-View® Heavy Duty Aluminum Torpedo Level</b>	3	P-L-45°

- Patented Glo-View® recharges the vial surrounds from light sources for easy-read in low light
- Powerful GripTight™ v-groove rare earth magnets hold to flat or round ferrous metal surfaces
- Super strong solid aluminum frame
- SurroundView® vials reflect ambient light for easy-read
- V-groove frame fits on pipe and conduit
- Top-read window for easy viewing



## Magnetic Aluminum Torpedo Level



MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
4500M	9"	<b>Magnetic Heavy Duty Aluminum Torpedo Level</b>	3	P-L-45°

- Strong holding magnetic edge allows for hands-free use on ferrous metal surfaces
- Super strong solid aluminum frame
- SurroundView® vials reflect ambient light for easy-read
- V-groove frame fits on pipe and conduit
- Top-read window for easy viewing



## Magnetic Aluminum Torpedo Levels



MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
8500M	9"	<b>Magnetic Aluminum Torpedo Level (carded)</b>	3	P-L-45°
1405-0900	9"	<b>Magnetic Aluminum Torpedo Level (bulk)</b>	3	P-L-45°

- Rubber magnetic edge allows for hands-free use on ferrous metal surfaces
- Reinforced aluminum frame
- V-groove frame fits on pipe and conduit
- Top-read window for easy viewing
- High impact panels

P = Plumb / L = Level / MP = Multi-Pitch®

## Structo-Cast® Torpedo Levels



MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
7500M	9"	<b>Magnetic Structo-Cast® Torpedo Level (carded)</b>	3	P-L-45°
7500-ORANGE	9"	<b>Structo-Cast® Torpedo Level (carded)</b>	3	P-L-45°
7500B-ORANGE	9"	<b>Structo-Cast® Torpedo Level (bulk)</b>	3	P-L-45°

- Rubber magnetic working edge allows for hands-free use on ferrous metal surfaces
- High impact frame is non-conductive and non-corrosive
- V-groove frame fits on pipe and conduit
- Top-read window for easy viewing

Patented

## Structo-Cast® Torpedo Level



MODEL	LENGTH	DESCRIPTION	# VIALS	VIAL CODE
1402-0900	9"	<b>Structo-Cast® Torpedo Level (bulk)</b>	3	P-L-45°

- High impact frame is non-conductive and non-corrosive
- V-groove frame fits on pipe and conduit

## Torpedo Level & Rafter Square Value Pack

MODEL 1056-0000

- Torpedo level has strong holding magnetic edge for hands free use on ferrous metal surfaces
- Torpedo level has SurroundView® vials which reflect ambient light for easy-read
- Rafter square has continuous scribing notches which are ideal for ripping at 3-1/2" and 5-1/2"
- Rafter square has solid aluminum body with CNC machined edges for greater accuracy and durability

Patented



## Torpedo Level & Rafter Square Value Pack

MODEL 1901-0000

- Torpedo level has magnetic edge for hands free use on ferrous metal surfaces
- Torpedo level has v-groove frame that fits on pipe and conduit
- Rafter square has solid aluminum body with CNC machined edges for greater accuracy and durability
- Rafter square has permanent graduations and numbers which are easy-to-read



### 3" Aluminum Line Level

MODEL 555



- Durable aluminum hexagonal body
- Lightweight construction reduces line sag
- Unrestricted hooks allow for easy movement
- Use for masonry, landscape and sheet metal work



Patented



### 3" Structo-Cast® Line Levels



MODEL	DESCRIPTION	VIAL CODE
575	Structo-Cast® Line Level	L
585	Structo-Cast® Line Level - 2 pack	L
595	Structo-Cast® Line Level with Multi-Pitch® - 2 pack	L, MP

- Durable level vial is impact resistant
- Lightweight construction reduces line sag
- Unrestricted hooks allows for easy movement on line
- Multi-Pitch® vial reads slope in 1/18" increments (model 595 only)
- Use for masonry, landscape and sheet metal work

### Cross Check Level

MODEL 125



- Levels in horizontal and vertical planes simultaneously
- High-impact body with mounting holes
- Durable acrylic vials are impact resistant
- Use for leveling appliances, electronic equipment and RV's



### Circular Level

MODEL 100



- Levels in all directions
- Durable acrylic body with mounting holes
- Use for leveling appliances, electronic equipment or RV's



### Keychain Level

MODEL 1813-0000



- Durable acrylic block vial
- Heavy duty split key ring
- Compact size



### Pocket Level

MODEL 500



- Strong magnetic pickup tip
- Durable acrylic vial reads level
- High-impact body
- V-groove edge fits on pipe and conduit
- Metal pocket clip



### Picture Perfect™ Level

Patented

MODEL 118000



- Use to level picture frames, mirrors, appliances, etc.
- Lightweight, durable body
- Molded housing will not mar or scratch painted or wood surfaces



### Magnetic Protractor/Angle Locator

MODEL 700



- High-impact molded body
- Easy-to-read increments read 0-90° in all four quadrants printed on durable acrylic lens
- Extra-strong, ceramic magnet adheres to ferrous metal surfaces
- V-groove edge fits on pipe and conduit
- Inch and metric graduations



### Pitch and Slope Locator

Patented

MODEL 750



- High-impact molded body
- Easy-to-read increments read 0-90° printed on durable acrylic lens
- Printed scale reads pitch in inch rise per 12" run without conversion tables



### Post & Pipe Levels

MODEL 175



MODEL 175-O

- Durable molded body
- Rugged acrylic vials read plumb and level simultaneously
- Reflective backing increases vial visibility
- Rubber strap allows hands free use quickly attaches to any post, pole or stringer
- Fluorescent easy-to-see orange (model 175 is grey)



### Stud Finder™ Plus

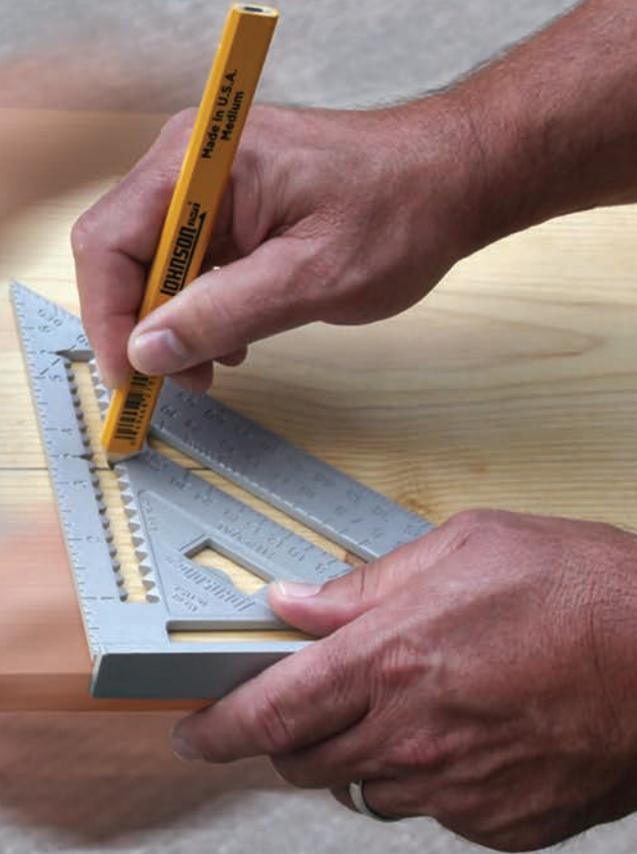
MODEL 160



- Durable molded body
- Durable acrylic vial for leveling
- Reflective backing increases vial visibility
- Strong magnetic indicator identifies ferrous metal objects in wall
- The only stud finder with a vial



# SQUARES



**FRAMING & CARPENTER SQUARES**  
**RAFTER SQUARES**  
**COMBINATION SQUARES**  
**SPECIAL PURPOSE SQUARES**  
**T-SQUARES**



## 16" x 24" BIG J® Pro Stainless Steel Framing Square

**MODEL CS12** 

- 24" x 2" body, 16" x 1-1/2" tongue, 1/8" thick
- Stainless steel body - durable, tough, strong, resists rust
- Permanently etched EZ Read™ graduations and numbers
- Graduations measure in 1/8", 1/10", 1/12", 1/16"
- Includes octagon scales, rafter tables, brace tables and board foot tables

## 16" x 24" Steel Framing Square

**MODEL CS2** 

- 24" x 2" body, 16" x 1 1/2" tongue, 1/8" thick
- Steel body with urethane anti-rust coating
- Permanently stamped graduations and numbers
- Graduations measure in 1/8" 1/10", 1/12", 1/16"
- Includes board foot tables and rafter tables

## 16" x 24" Steel Framing Square

**MODEL CS9** 

- 24" x 2" body, 16" x 1 1/2" tongue, 1/8" thick
- EZ Read™ thermal bonded numbers and graduations
- Graduations measure in 1/8", 1/10", 1/12", 1/16"
- Includes octagon scales, rafter tables, brace tables and board foot tables

## 400mm x 600mm Metric Steel Framing Square

**MODEL CS13** 

- 24" x 2" body, 16" x 1 1/2" tongue, 1/8" thick
- EZ Read™ thermal bonded numbers and graduations
- Graduations measure in 2mm increments
- Metric rafter conversion tables

## 16" x 24" BIG J® Pro Aluminum Framing Square

MODEL CS7



- 24" x 2" body, 16" x 1-1/2" tongue, 1/8" thick
- Aluminum body will not rust
- Laser etched EZ Read™ graduations and numbers on black anodized body
- Graduations measure in 1/8", 1/10", 1/12", 1/16"
- Includes octagon scales, rafter tables, brace tables and board foot tables

## 8" x 12" Steel Carpenter Square

MODEL 430



- 12" x 1-1/2" body, 8" x 1" tongue, 1/8" thick
- Rugged steel construction
- Permanently stamped graduations and numbers measure in 1/8"

## 16" x 24" Aluminum Framing Square

MODEL CS5



- 24" x 2" body, 16" x 1-1/2" tongue, 1/8" thick
- Aluminum body will not rust
- Permanently stamped graduations and numbers
- Graduations measure in 1/8", 1/10", 1/12", 1/16"
- Includes octagon scales, rafter tables, brace tables and board foot tables

## 8" x 12" Steel Carpenter Square

MODEL CS10



- 12" x 1-1/2" body, 8" x 1" tongue, 1/8" thick
- Rugged steel construction
- EZ Read™ thermal bonded numbers and graduations measure in 1/8"

## 400mm x 600mm Metric Aluminum Framing Square

MODEL CS18



- 24" x 2" body, 16" x 1 1/2" tongue, 1/8" thick
- Aluminum body will not rust
- Laser etched EZ Read™ graduations and numbers on black anodized body
- Graduations measure in 2mm increments
- Metric rafter conversion tables

## Stair Gauge Set

MODEL 405



- Flush mounted thumbscrews
- Used for repeat angle cuts for stairs and rafters
- Attaches to all standard framing and carpenter squares



## Johnny Square® Professional Easy-Read™ Aluminum Rafter Square

MODEL 1904-0700 (7") (BULK)

MODEL 1956-1800 (18CM) (BULK)

MODEL 1904-1200 (12") (BULK)



Patented



- Solid aluminum body with CNC machined edges for greater accuracy and durability
- EZ Read™ laser etched graduations and numbers are highly visible
- Thick edge is useful as a saw guide
- Continuous scribing notches – ideal for ripping at 3-1/2" and 5-1/2" (model 1904-0700, 1904-1200 only)
- Continuous scribing notches from 2cm to 12 cm (model 1956-1800 only)
- Low-glare, protective anodized finish

## 7" Johnny Square® Professional Aluminum Rafter Squares

MODEL 1941-0700 (WITH MANUAL)

MODEL RAS-1 (WITH MANUAL)

MODEL RAS-1B (BULK)



Patented

- Solid aluminum body with CNC machined edges for greater accuracy and durability
- Permanent graduations and numbers are easy-to-read
- Thick edge is use useful as a saw guide
- Continuous scribing notches – ideal for ripping at 3-1/2" and 5-1/2"
- Low-glare, protective powder coated finish
- Complete instruction manual included with rafter tables (model 1941-0700, RAS-1 only)
- Note: Additional instruction manuals are available at [www.johnsonlevel.com](http://www.johnsonlevel.com)

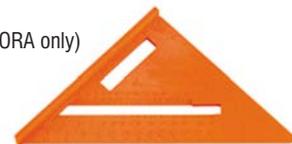
## Structo-Cast® Rafter Squares

MODEL RAS-170B-ORA (12" BULK)

MODEL RAS-70B-ORAN (7" BULK)



- Durable, lightweight Structo-Cast® high-impact molded frame
- Permanent molded graduations for quick and easy measurements
- Thick edge is useful as a saw guide
- Built-in scribe notches (model RAS-170B-ORA only)
- Fluorescent easy-to see colors



## 12" Professional Rafter Square

MODEL RAS-120 (WITH MANUAL)



- Solid aluminum body with CNC machined edges for greater accuracy and durability
- Permanent graduations and numbers are easy-to-read
- Thick edge is useful as a saw guide
- Scribe notches starting at 1-3/4" transfer outside increments from pivot point
- Low-glare, protective powder coated finish
- Complete instruction manual included with rafter tables

Note: Additional instruction manuals are available at [www.johnsonlevel.com](http://www.johnsonlevel.com)



## 6" Professional Inch/Metric Stainless Steel Combination Squares

**MODEL 406EM-S (ETCHED BLADE)**  
**MODEL 406EM (STAMPED BLADE)**



- Auto-Lock™ blade assembly
- Stainless steel blade with 1/8", 1/16", 1/32", mm graduations
- Heavy duty cast zinc head with black, chip-resistant e-coating finish
- CNC machined square head for greater accuracy
- Hardened, screw-in scriber won't fall out
- Durable acrylic vial



## 12" Structo-Cast® Combination Squares

**MODEL 415**  
**MODEL 415EM (INCH/METRIC)**



- Stainless steel blade with permanently stamped 1/8", 1/16", 1/32" graduations (mm on model 415EM only)
- Heavy duty Structo-Cast® molded head
- Durable acrylic vial



## 12" Professional Stainless Steel Combination Squares

**MODEL 400EM-S (ETCHED BLADE INCH/METRIC)**  
**MODEL 400 (STAMPED BLADE)**  
**MODEL 400EM (STAMPED BLADE INCH/METRIC)**



- Auto-Lock™ blade assembly
- Stainless steel blade with 1/8", 1/16", 1/32" graduations (mm on model 400EM-S and 400EM only)
- Heavy duty cast zinc head with black, chip resistant e-coating finish
- CNC machined square head for greater accuracy
- Hardened, screw-in scriber won't fall out
- Durable acrylic vial



## 16" Professional Inch/Metric Stainless Steel Combination Squares

**MODEL 420EM-S (ETCHED BLADE)**  
**MODEL 420EM (STAMPED BLADE)**



- Auto-lock™ blade assembly
- Stainless steel blade with 1/8", 1/16", mm graduations
- Heavy-duty cast zinc head with black chip-resistant e-coating finish
- Hardened, screw-in scriber won't fall out
- Durable acrylic level vial

## 8" Professional Carbonized Bamboo Try Square

MODEL 1940-0800



Patented



- Carbonized bamboo handle with stainless gauging edges and routed hand grip
- Heavy duty stainless steel blade will not rust or corrode
- Graduations are permanently etched in 1/8" and 1/16" increments

## Professional Aluminum Try Squares

MODEL 1908-0800 (8")



Patented

MODEL 1958-0200 (200MM METRIC)



- Heavy duty solid aluminum handle
- Heavy duty stainless steel blade will not rust or corrode
- Graduations are permanently etched in 1/8" and 1/16" increments (mm on 1958-0200)

## 8" Structo-Cast® Try & Mitre Squares

MODEL 450



MODEL 451 (INCH/METRIC)



- Structo-Cast® handle is durable and lightweight
- Heavy duty stainless steel blade will not rust or corrode
- Graduations are permanently etched in 1/8" increments (mm and cm on 451)

## Inch/Metric Structo-Cast® Try & Mitre Squares

MODEL 1910-0800 (8")



MODEL 1910-1000 (10")

MODEL 1910-1200 (12")



- Structo-Cast® handle is durable and lightweight
- Durable stainless steel blade features 1/8" and mm graduations for readability and durability
- Measures 45° and 90° angles

## 10" Professional Carbonized Bamboo T-Bevel

MODEL 1926-1000



Patented



- Heavy duty adjustable stainless steel blade will not rust or corrode
- Carbonized bamboo handle with routed hand grip
- Stainless steel edging on handle
- Durable locking nut holds blade securely in place



## 10" Professional Aluminum T-Bevel

MODEL 1913-1000



Patented



- Heavy duty adjustable stainless steel blade will not rust or corrode
- Heavy duty solid aluminum handle
- Durable locking nut holds blade securely in place



## 8" Structo-Cast® T-Bevel

MODEL B75



- Heavy duty adjustable stainless steel blade will not rust or corrode
- Durable Structo-Cast® high-impact handle with hand grip
- Durable locking nut holds blade securely in place





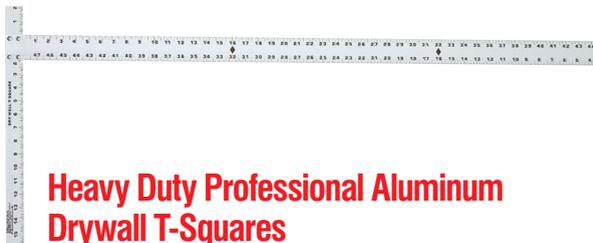
## "The Original" Aluminum Adjust-A-Square® T-Squares

**MODEL ADS48 (48")**



**MODEL ADS1350 (1350MM METRIC)**

- Extruded aluminum 1/4" thick blade and head
- Clear protective anodized finish will not rust or corrode
- Screened, thermal-bonded black 1/8" and 1/16" graduations (mm on model ADS1350)
- Large, bold easy reading graduations
- Head adjusts to any angle
- Precision-machined head and blade lock together for a perfect 90° angle
- Folds flat for easy transportation



## Heavy Duty Professional Aluminum Drywall T-Squares

**MODEL JTS48HD (48")**

**MODEL JTS54HD (54")**



**MODEL JTS1200HD (1200MM METRIC)**

**MODEL JTS1350 HD (1350MM METRIC)**

- Unique rivet assembly, permanently "bonds" head to blade
- Head will stay square for life of product
- Extruded aluminum 3/16" blade and head thickness
- Clear protective anodized finish will not rust or corrode
- Screened, thermal-bonded black 1/8" graduations (mm on models JTS1200HD, JTS1350HD)
- Large, bold easy reading graduations

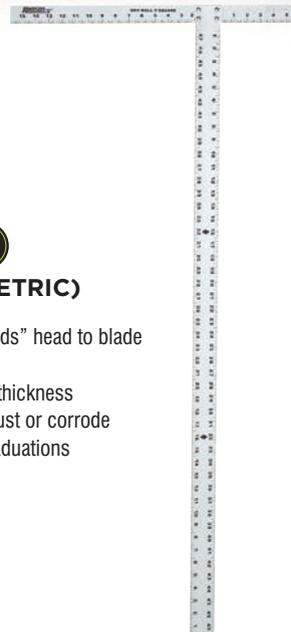
## Professional Aluminum Drywall T-Squares

**MODEL JTS48 (48")**



**MODEL JTS1200 (1200MM METRIC)**

- Unique rivet assembly, permanently "bonds" head to blade
- Head will stay square for life of product
- Extruded aluminum 1/8" blade and head thickness
- Clear protective anodized finish will not rust or corrode
- Screened, thermal-bonded black 1/8" graduations (mm on model JTS1200 only)
- Large, bold easy reading graduations

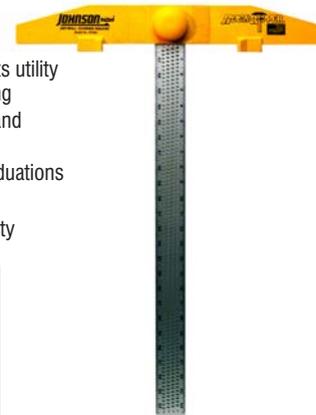


## 24" RockRipper® Pro Drywall Scoring Square

**MODEL RTS24**



- Perforated (1/16" offset) 24" blade accepts utility knife point for fast, efficient drywall scoring
- Molded high impact head with hand grip and board guide
- Screened, thermal-bonded black 1/8" graduations
- Large, bold easy reading graduations
- Extruded aluminum blade assures durability



# MEASURING



STRAIGHT EDGES & CUTTING GUIDE

MEASURING TAPES

MEASURING WHEELS



## Aluminum Cutting Guide

MODEL J4900



- Two 49" heavy duty extruded aluminum rails with quick-to-assemble connector
- Guide assures true and accurate cuts
- Includes both rails, joiner plate and two "C" clamps
- Use with circular saw, router, utility knife, jigsaw and other tools



## Architect's Rule

MODEL 1817-0000



- Aluminum extruded triangular ruler with anodized finish
- Laser etched graduations and numbers
- Ideal for architects, engineers and drafting
- U.S. Standard: 12" scale divided in 3, 1-1/2, 1, 3/4, 3/16, 3/32, 1/2, 1/4, 1/8, inch per foot and one division in 1/16 inch

## 6" Stainless Steel Pocket Clip Rules

MODEL 7202



MODEL 7203 (INCH/METRIC)



- Stainless steel blade with etched increments in 1/32" and 1/64" (1/32", 1/64" and mm on model 7203 only)
- Conversion tables on back of blade
- Pocket clip for convenient storage



## Aluminum Rules



- MODEL J112 (12")** • Durable 1-1/8" wide extruded aluminum rules
- MODEL J118 (18")** • Screened, thermal-bonded black graduations in 1/8" and 1/16"
- MODEL J124 (24")** • Bold, easy-to-read graduations and numbers
- Clear, protective anodized finish



## 36" Aluminum Yardstick

**MODEL J236**



- Durable 1-1/8" wide extruded aluminum rule
- Screened, thermal-bonded black graduations in 1/8" and 1/16"
- Bold, easy-to-read graduations and numbers
- Clear, protective anodized finish



## Aluminum Metersticks

**MODEL M391 (INCH/METRIC)**



**MODEL 3900 (METRIC)**

- Durable 1-1/8" wide extruded aluminum rule
- Screened, thermal-bonded black graduations in 1/8" and mm (mm on 3900)
- Bold, easy-to-read graduations and numbers
- Clear, protective anodized finish



## Heavy Duty Aluminum Straight Edges



**MODEL J48 (48")**

**MODEL J60 (60")**

**MODEL J72 (72")**

**MODEL J96 (96")**

**MODEL J48EM (48" INCH/METRIC)**

**MODEL J72EM (72" INCH/METRIC)**

- Heavy duty extruded aluminum straight edge
- Screened, thermal-bonded black graduations in 1/8" and 1/16" (J96 reads same direction)
- EM models feature screened, thermal-bonded black graduations in 1/8", 1/16" and 2mm
- Bold, easy-to-read graduations and numbers
- Clear protective anodized finish

## PlanReader® Architect Series Power Tapes



Patented

MODEL	SIZE	GRADUATIONS
1819-0016	16' x 1"	1/16"
1819-0025	25' x 1-1/16"	1/16"
1819-0033	33' x 1-1/16"	1/16"



- Easy reading large numbers on wide blade
- Blade-Gard™ nylon coated blade resists abrasion
- Double duty 2-sided printed 2-color blade
- PlanReader® architect scale printed on blade bottom features 1/8" and 1/4" scales for easy blueprint reading and measuring

## BIG J® Stainless Steel Case Power Tape



MODEL	SIZE	GRADUATIONS
1807-0025	25' x 1-3/16"	1/16"



- Extra wide 1-3/16" Big J® blade for maximum extension
- Blade-Gard™ nylon coated blade resists abrasion
- Double duty 2-sided printed 2-color blade
- Impact resistant ergonomic co-molded rubberized and stainless steel case
- 4 rivet self-adjusting blade plate and extra wide flared tip with 2-sided hook

## Metric/Inch Big J® Magnetic Power Tapes

Patented



MODEL	SIZE	GRADUATIONS
1840-0016	5m/16' x 1"	mm, 1/16"
1840-0026	8m/25' x 1"	mm, 1/16"



- Blade-Gard™ nylon coated blade resists abrasion
- Double duty 2-sided printed 2-color blade
- Impact resistant ergonomic co-molded rubberized and stainless steel case
- Tiger Claw™ 4 rivet blade hook
- 4 rivet blade hook with strong holding rare earth magnetic tip holds to ferrous metal surfaces

## JOB SITE™ Magnetic Tip Power Tapes



Patented

MODEL	SIZE	GRADUATIONS
1806-0016	16' x 1-1/16"	1/16"
1806-0025	25' x 1-1/16"	1/16"
1806-0030	30' x 1-1/16"	1/16"



- Easy reading large numbers on 1-1/16" blade
- Blade-Gard™ nylon coated blade resists abrasion
- Double duty 2-sided printed blade
- 4 rivet blade hook with strong holding rare earth magnetic tip holds to ferrous metal surfaces
- Impact resistant ergonomic co-molded rubberized case

## Professionals Choice™ Power Tapes



Patented

MODEL	SIZE	GRADUATIONS
1803-0016	16' x 3/4"	1/16"
1803-0025	25' x 1"	1/16"
1803-0030	30' x 1"	1/16"



- Corrosion and abrasion resistant blade finish
- Speed-Read™ blade features fractional graduations every 1/8"
- Durable triple rivet blade hook
- Impact resistant ABS case
- Durable steel belt clip

## JOB SITE™ Power Tapes



MODEL	SIZE	GRADUATIONS
1805-0025	25' x 1"	1/16"
1805-0030	30' x 1"	1/16"



- 1" wide for maximum extension
- Blade-Gard™ nylon coated blade resists abrasion
- Double duty 2-sided printed blade
- Tiger Claw™ 4 rivet blade hook
- Impact resistant ergonomic co-molded rubberized case

## Metric/Inch Power Tapes



MODEL	SIZE	GRADUATIONS
1828-0010	3m/10' x 5/8"	mm, 1/16"
1828-0016	5m/16' x 3/4"	mm, 1/16"
1828-0026	8m/26' x 1"	mm, 1/16"



- Rubberized co-molded case for shock absorption and non-slip gripping
- Durable nylon coated blade resists abrasion
- Double duty printed blade
- Tough triple rivet blade hook

## AUTO-LOCK™ Power Tapes



Patent Pending

MODEL	SIZE	GRADUATIONS
1804-0012	12' x 5/8"	1/16"
1804-0016	16' x 1"	1/16"
1804-0025	25' x 1"	1/16"



- Auto-Lock™ features self-locking blade, push button retrieval
- Blade-Gard™ nylon coated blade resists abrasion
- Speed-Read™ blade features fractional graduations every 1/8"
- Tiger Claw™ 4 rivet blade hook
- Impact resistant ergonomic co-molded rubberized case

## Private Brand Power Tape



MODEL	SIZE	GRADUATIONS
1815-YOUR NAME	25' x 1"	1/16"



- Put your company logo to work for you with these quality 25' power tapes
- 1" wide for maximum extension
- Triple riveted blade hook
- Shock absorbing rubber boot
- Steel belt clip
- Easy-to-read fractional blade graduations

## Big J® Geared Open Reel Fiberglass Tapes



Patented



MODEL	SIZE	GRADUATIONS
1809-0100	100' x 1/2"	1/8", 1/10"
1809-0300	300' x 1/2"	1/8", 1/10"

- 3:1 gear drive speeds blade rewind
- Durable steel end hook with loop
- 2 color blade: white inch scale, yellow engineer's scale
- Comfortable non-slip rubberized hand grip
- Rugged, high impact ABS case

## JOB SITE™ Open Reel Fiberglass Tapes



MODEL	SIZE	GRADUATIONS
1808-0100	100' x 1/2"	1/8", 1/10"
1808-0300	300' x 1/2"	1/8", 1/10"

- Durable steel end hook with loop
- 2 color blade: white inch scale, yellow inch engineer's scale
- Comfortable non-slip rubberized hand grip
- Rugged, high impact ABS case

## BIG J® Geared Nylon Clad Steel Tape



Patented



MODEL	SIZE	GRADUATIONS
1811-0200	200' x 3/8"	1/8"

- 3:1 gear drive speeds blade rewind
- Durable steel end hook with loop
- Nylon coated high grade carbon steel blade resists rust
- Comfortable non-slip rubberized hand grip
- Rugged, high impact ABS case

## Metric/Inch Open Reel Fiberglass Tapes



MODEL	SIZE	GRADUATIONS
1829-0100	100' x 1/2"	mm, 1/8"
1829-0200	200' x 1/2"	mm, 1/8"

- High impact ABS case
- Durable PVC coated blade resists abrasion
- Double duty printed blade
- Tough blade hook

## Metric/Inch Open Reel Fiberglass Tape



MODEL	SIZE	GRADUATIONS
1831-0100	100' x 5/8"	mm, 1/8"

- High impact ABS case with non-slip rubberized grip
- Durable PVC coated blade resists abrasion
- Double duty printed blade
- 3:1 gear drive speeds blade rewind

## JOB SITE™ Geared Closed Case Steel Tape



Patented



MODEL	SIZE	GRADUATIONS
1810-0100	100' x 3/8"	1/8"

- 3:1 gear drive speeds blade rewind
- Nylon coated high grade carbon steel blade resists rust
- Durable steel end hook with loop
- Shock absorbing co-molded ABS case

## 3-Foot Circ. (11.5" Dia.) Metal Measuring Wheel

MODEL 1879-0115



Patented

- 5 digit counter accurately measures up to 99,999 feet – includes push button reset
- Heavy duty steel frame
- Solid aluminum alloy wheel
- Fold down handle for compact storage and portability
- Durable, rubber tire – 11-1/2 inch diameter
- Ergonomic non-slip grip
- Convenient folding stand



## 1-Foot Circ. (4" Dia.) Structo-Cast® Measuring Wheel

MODEL 1877-0100



Patented

- 5 digit, easy-read magnified counter accurately measures up to 9,999 feet, 11 inches
- 3 piece telescoping aluminum handle extends from 17 inches to 42 inches – fits into a tool box or briefcase
- Durable, rubber tire – 4 inch diameter
- Ergonomic non-slip grip



## 3-Foot Circ. (12.5" Dia.) Structo-Cast® Measuring Wheel

MODEL 1877-0200



Patented

## 1m Circ. (31.75 cm Dia.) Metric Structo-Cast® Measuring Wheel

MODEL 1878-0012

- 5 digit, easy-read magnified counter accurately measures up to 9,999 feet, 11 inches (1877-0200) and 9,999 meters, 9 decimeters (1878-0012)
- 3 piece telescoping aluminum handle with pistol grip and safety reflector - extends from 18 inches to 42 inches
- Durable, rubber tire – 12.5 inch diameter (1877-0200), 31.75 cm diameter (1878-0012)
- Ergonomic non-slip grip
- Convenient folding stand



## 1-Foot Circ. (4" Dia.) Structo-Cast® Dual Measuring Wheel

MODEL 1830-2100



Patented

## 33.3 cm Circ. (10.6 cm Dia.) Metric Structo-Cast® Dual Measuring Wheel

MODEL 1826-2004

- 5 digit, easy-read magnified counter accurately measures up to 9,999 feet, 11 inches (1830-2100) and 9,999 meters, 9 decimeters (1826-2004)
- 3 piece telescoping aluminum handle extends from 17 inches to 42 inches – fits into a tool box or briefcase
- Durable, rubber tire – 4 inch diameter (1830-2100), 10.6 cm diameter (1826-2004)
- Ergonomic non-slip grip
- Dual wheels for greater stability when measuring



# MARKING & SPECIALTY

# CAUTION

CARPENTER PENCILS & CRAYONS  
BARRICADE TAPE  
PLUMB BOBS

## Carpenter Pencils



JOHNSON<sup>level</sup>

Made in U.S.A.  
Medium

MODEL CP (2 PACK CARDED)

MODEL CPB-12 (BULK)

MODEL CPB-72 (BULK)



- Flat design will not roll
- Easy to sharpen medium graphite lead
- 7" length x 1/2" width

## Pencil/Crayon Sharpener

Patented

MODEL 300B-25



- 2-In-1 sharpener (sharpens both pencils and crayons)
- Sharpens fast
- Safer than utility knife
- Keychain attachment hole
- Durable ABS body



## Lumber Crayons

MODELS:



3512-R (RED)

3512-B (BLUE)

3512-K (BLACK)

3512-Y (YELLOW)

- Lead free, non-toxic
- Weather and fade resistant
- Fit Peterson holder
- 12 crayons per box



## Barricade Tape



MODEL 3321 (300' X 3" YELLOW - CAUTION CUIDADO)

MODEL 3322 (300' X 3" RED - DANGER DO NOT ENTER)

MODEL 3324 (1,000' X 3" YELLOW - CAUTION CUIDADO)

MODEL 3331 (1,000' X 3" RED - DANGER DANGER)

MODEL 3332 (1,000' X 3" YELLOW - CAUTION CAUTION)

- High-visibility colors
- Bold, easy read letters
- Durable plastic
- Rolls individually labeled and UPC'd



## 6" Professional Contour Gauge

MODEL 2206



- Stamped steel body with ruled edge
- Stainless steel contour wires match any shape

## DeckMate™ Deck Board Spacing Tool

MODEL 60-275



- Durable, high-impact body
- 1/8" or 3/16" spacer edges
- Nail/screw layout guide for 2" x 4" or 2" x 6" decking

## Plumb Bobs

MODEL 108 (8 OZ.)

MODEL 112 (12 OZ.)

MODEL 116 (16 OZ.)

MODEL 124 (24 OZ.)

MODEL 132 (32 OZ.)



- Durable brass plating
- Corrosion resistant lacquer finish
- Replaceable hardened steel tip
- Removable cap for easy, centered string installation

## Steel Plumb Bobs

MODEL 05 (5 OZ.)

MODEL 08 (8 OZ.)

MODEL 012 (12 OZ.)



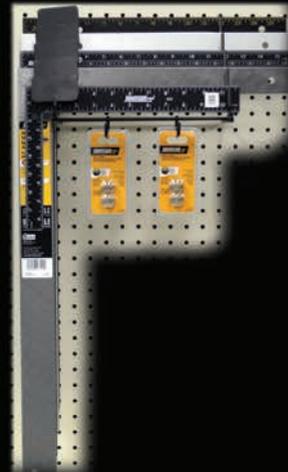
- Hexagonal machined steel body
- Corrosion resistant plated finish
- Removable cap for easy, centered string installation

# MERCHANDISING THAT WORKS

We provide the most complete, high quality line of contractor tools available, and support these products with merchandising solutions.

We understand that better presentation, organization and explanation of products at the point of sale is critical in helping you increase your sales, profits and turns.

We provide a wide range of effective merchandising options that work for you.



2016



For product support or  
technical assistance please contact us:  
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