

ROBOToolZ®

Product Catalog



Introduction

RoboToolz is the leading manufacturer of innovative construction setup and surveying tools. Founded in Silicon Valley by a group of Contractors, Builders and Engineers, we understand the problems you need to solve each day because we require the same solutions at our daily workplaces. Every tool we make uses our deep knowledge of technologies that were born in our backyard, and adapts them to the jobsite. Our tools stand up to tough job conditions while providing the precision and ease of use you need in order to work efficiently and effectively. We hope you will think of RoboToolz, and each of our tools, as a trusted assistant that will help you work smarter, faster, better and more profitably.

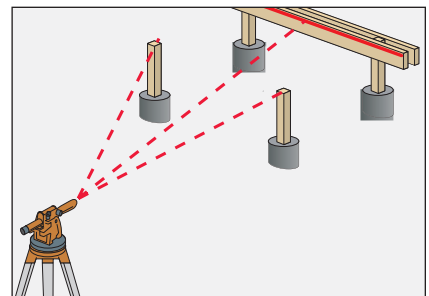
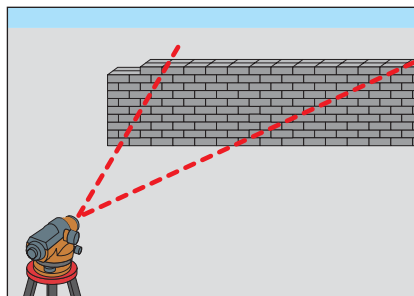
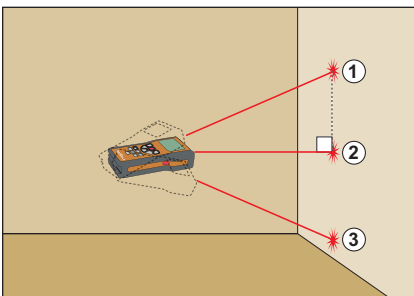
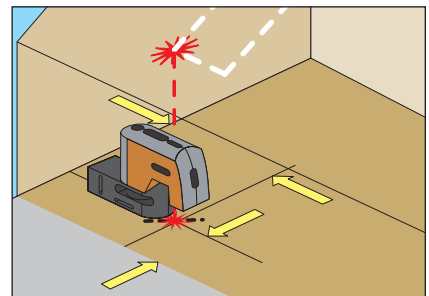
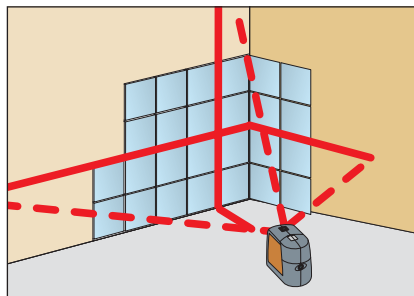
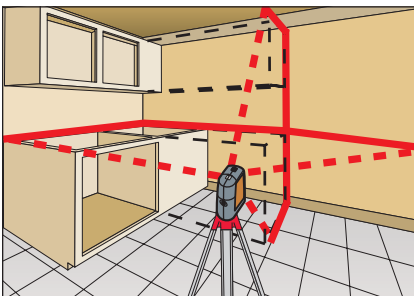
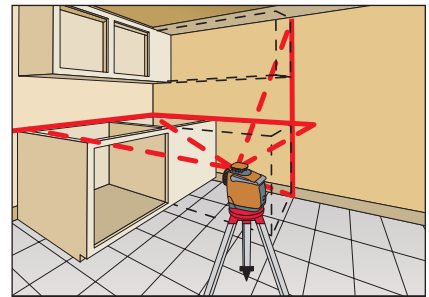
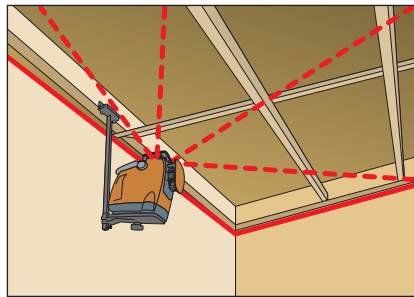
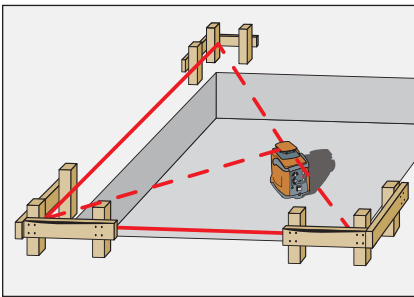


Table of Contents





Rotational Lasers Purchase Guide.....	4
Multi Beam Layout Lasers Purchase Guide	5
Optical Tools Purchase Guide	6
RoboTape (RT-9000).....	7
DualPlane XP (RT-7690-2XP)	8
ePlane XP (RT-5250-2XP).....	9
mPlane (RT-3620-2K)	10
RoboLaser (RT-7210-1).....	11
CrossLiner (RT-7715-2).....	12
Vector 5e (RT-7610-5).....	13
Vector 3 (RT-7510-3).....	14
Torpedo 3 (RT-3610-3)	15
Detectors.....	16
Optical Tools.....	17
Accessories	18
Accessories	19
Accessories	20

To order call 650-903-4944 ext. 105

www.robotoolz.com

Purchase Guide

Rotational Lasers





				
	DualPlane XP (RT-7690-2XP)	ePlane (RT-5250-2XP)	mPlane (RT-3620-2)	RoboLaser (RT-7210-1)
Description	Automatic Leveling, Remote Controlled Simultaneous Level and plumb Rotational Laser	Automatic Electronic Leveling Level and Manual Plumb Rotational Laser with Plumb Beam	Level, Plumb and Square Manual Rotational Laser	Automatic Leveling, Remote Controlled Laser Level
Applications	Level, Plumb, Crossline, Grade	Level, Plumb, Square, Grade	Level, Plumb, Square, Grade	Level
Slope	—	4	—	—
Accuracy	H: 1/8" (3mm) @ 100' (30m), V: 1/4" (6mm) @ 100' (30m)	H: 1/8" (3mm) @ 100' (30m), V: 1/4" (6mm) @ 100' (30m)	1/4" (6mm) @ 100' (30m)	1/8" (3mm) @ 100' (30m)
Range	1,000' (300m)	1,000' (300m)	600' (180m)	200' (60m)
Automatic Leveling	4	4		
Number of Beams	2	2	2	1
Remote Control	4			4
Field Calibration	4	4		4
Laser Lines	4	4	4	4 (dotted)
Dots only				4
Indoor	4	4	4	4
Outdoor/ Bright Sunlight	4 (with detector)	4 (with detector)	4 (with detector)	4
Out of Level Indication	4	4		4



DualPlane, ePlane, mPlane, RoboLaser, CrossLiner lasers are Class IIIA Laser Products.

Purchase Guide

Multi Beam Layout Lasers

				
	CrossLiner (RT-7715-2)	Vector 5e (RT-7610-5)	Vector 3 (RT-7510-3)	Torpedo 3 (RT-3610-3)
Description	Auto Leveling, 2 Beam Level and Plumb CrossLiner Laser	Automatic Electronic Levelin, 5 Beam Level, Plumb and Square Laser	Automatic Leveling, 3 beam Level and plumb Laser	3 Beam, Level and Square Laser
Applications	Level, Plumb, Crossline	Level, Plumb, Square and Grade	Level, Plumb	Level, Plumb, Square and Grade
Slope	—	—	—	—
Accuracy	1/8" (3mm) @ 30' (10m)	1/4" (6mm) @ 100' (30m)	1/4" (6mm) @ 100' (30m)	1/4" (6mm) @ 75' (23m)
Range	60' (20m)	200' (60m)	200' (60m)	200' (60m)
Automatic Leveling	4	4	4	
Number of Beams	2	5	3	3
Remote Control	—	—	—	—
Field Calibration		4	4	
Laser Lines	4			
Dots only		4	4	4
Indoor	4	4	4	4
Outdoor/Bright Sunlight		4 (limited range)	4 (limited range)	4 (limited range)
Out of Level Indication	4	4	4	



Vector 5e, Vector 3 and Torpedo 3 lasers are Class II laser products.

Purchase Guide

Optical Tools



**Automatic Level
(RT-2710-26)**



**Transit Level
(RT-2350-20)**



**Builders Level
(RT-2210-20)**

Applications	Level	Level, Plumb	Level, Grade
Accuracy	1/32" (.75mm) @ 100' (30m)	1/4" (6mm) @ 100' (30m)	1/4" (6mm) @ 100' (30m)
Range	325' (100m)	200' (60m)	200' (60m)
Magnification	26x	20x	20x
360 Graduated Circle	4	4	4
Automatic Leveling	4		

Laser Distance Measurer

Special Functions — Accuracy made Easy!

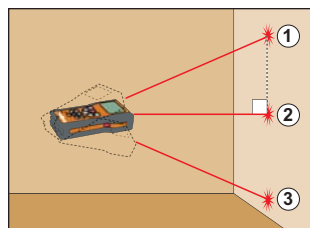
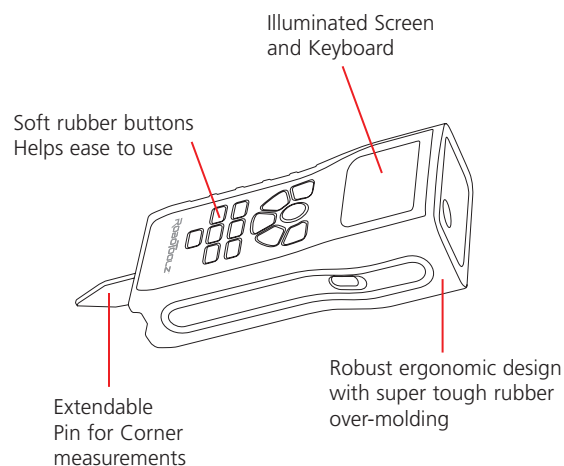
- **Measure on Level™:** Automatically and accurately takes level measurements. No bubble vial guesswork necessary.
- **Square:** Automatically computes area.
- **Cube:** Automatically computes cubic volume.
- **Continuous Measurement:** Accurately mark off measurements like you would using a tape measure.
- **Min/Max:** Automatically records and continuously updates minimum readings for wall measurements and maximum readings — takes out the guesswork.
- **Indirect:** Automatically gives readings of difficult to access walls or ceilings.
- **Addition and Subtraction:** Add or subtract readings including those stored in memory.
- **Ft./Inches, Ft./Decimal, Metric**
- **Memory Stores 50 Measurements**

Specifications

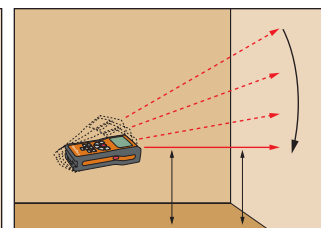
- **Accuracy:** Level: $\pm 1/8"$ ($\pm 3\text{mm}$)
- **Operating Range:** 3' to 600' (200m)
- **Laser Sources/Class:** 635nm — Class II IEC 60825-1, FDA 21CFR-1040
905nm — Class 1 IEC 60825-1, FDA 21CFR-1040
- **Batteries:** 4 "AAA" (included) — Approximately 2,000 readings
- **Unit Tripod Mount:** 1/4" x 20 camera tripod
- **Unit Dimensions:** 3.0" x 0.875" x 5.5" (7.6cm x 3.8cm x 14.5cm)

Includes

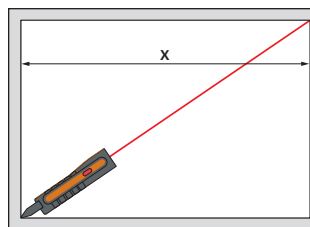
- Laser
- Carrying Pouch
- Target
- User Guide
- Four (4) "AAA" Batteries



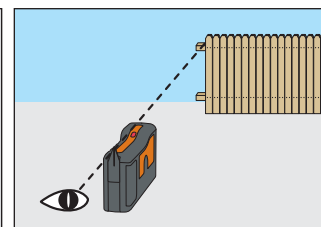
Indirect Measurement



Measure on Level



Corner Measurement



Measure Long Distances



DualPlane™ XP

High-Power Automatic Leveling, Remote-Controlled Simultaneous Level and Plumb Rotational Laser (RT-7690-2XP)

Specifications

- **Accuracy:** Level: +/- 1/8" @ 100' (3mm @ 30m); Plumb: +/- 1/4" @ 100' (6mm @ 30m)
- **Operating Range:** Up to 1000' (305m) diameter with Laser Detector
- **Line Dither/Scan Mode:** 6 line lengths (3°–180°)
- **Spin Mode:** Variable Speed: (3 speeds) 350, 600, 1200rpm
- **Recalibration:** On the jobsite
- **Pendulum Lock:** Protects pendulum during transportation
- **Laser Diode:** Class III, 635nm
- **Laser Output Power:** Up to 5mW
- **Tripod Mount:** 5/8" x 11
- **Power Supply:** 4 "AA" batteries (not included)
- **Operating Range:** Up to 1000' (305m)
- **Power Supply:** 4 "D" batteries

Features

- **Patented Dual Pendulum Automatic Leveling Technology:** The only simultaneous level and plumb laser available gives unmatched versatility for both indoor and outdoor applications.
- **Level, Plumb and Crossliner Beams:** Six adjustable line lengths and three variable speed spin modes allow customization of beam lengths and brightness to meet specific level, plumb and crossliner applications and lighting conditions.
- **Automatic Out of Level Sensing:** Audible (beeper) and visual (blinking laser beam) out of level indication signals if the units is out of level after initial set up. This eliminates tool status checks and costly errors, saving time and money.
- **Radio Frequency (RF) Remote Control:** Allows for non-directional, unobstructed operation anywhere on a cluttered jobsite, no line of sight required. Detects laser beams where the beam is not visible, even in bright sunlight. Allows for one-man operation of the laser system from the point of application.
- **Field Recalibration:** Keeps the tool on the jobsite.

Includes

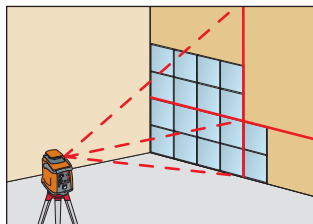
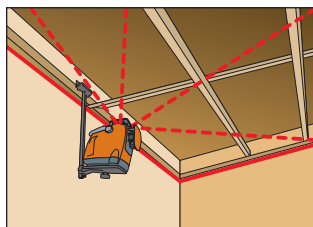
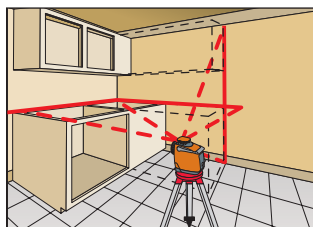
- | | |
|--|--|
| ■ Laser | ■ Laser Target |
| ■ RF Remote Control/
Laser Detector | ■ User Guide |
| ■ AC/DC Adaptor | ■ Kitbox |
| ■ Rod Bracket | ■ DualPlane XPKT: Includes
above and 123 Tripod
(RT-A1150-123) and Grade
Rod (RT-A1450) |
| ■ Enhancement Glasses | |



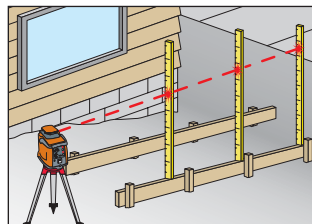
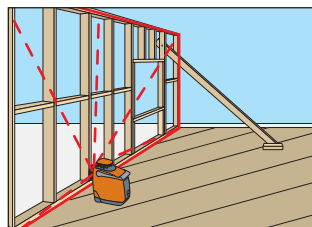
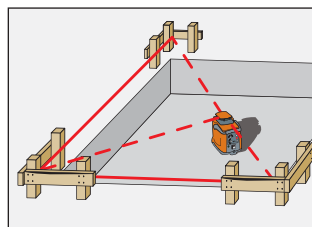
Applications: Unmatched Indoor/Outdoor Versatility

- **Carpentry:** Level and set cabinets and counter tops; Level and plumb decks; Plumb framing and partition walls.
- **Concrete:** Set forms and footings.
- **Electrical:** Level electrical outlets; Layout conduit and wiring.
- **Plumbing:** Layout piping, sewer lines, drainage and feed lines; set grade.
- **Other:** Set ridge beams; Install siding, wall tile and masonry walls; set landscape grade; Install drop ceiling, layout walls; Layout duct work.

Interior Applications



Exterior Applications



Also available in regular power, DualPlane RT-7690-2

High Power Automatic Leveling Laser with 90° Plumb Beam and Electronic Manual Slope (RT-5250-2XP)

Specifications

- **Accuracy:** Level: +/- 1/8" @ 100' (3mm @ 30M); Plumb: +/- 1/4" @ 100' (6mm @ 30M)
- **Operating Range:** Up to 1000' (305M) diameter with Laser Detector
- **Manual Slope:** +/- 10 Percent
- **Three Operational Modes:** Dot; line dither/scan: 2 adjustable lengths; Spin: 3 variable speeds (120, 450, 800rpm)
- **Squaring Beam:** 90° +/- 10 seconds to the rotating beam
- **Recalibration:** On the jobsite
- **Laser Diode:** Class IIIA 635nm diode
- **Tripod Mount:** 5/8" x 11
- **Power Supply:** 4 "D" batteries (not included)
- **Rugged Construction:** Dust, dirt and water resistant
- **Laser Detector:** Range: up to 1000' (305M); 2-sided LCD display; beeper: on/off; coarse/fine adjustment
- **Warranty:** 1 year limited

Features

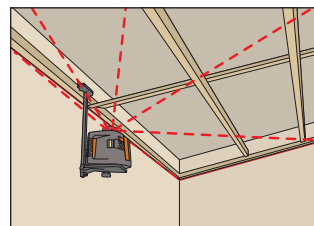
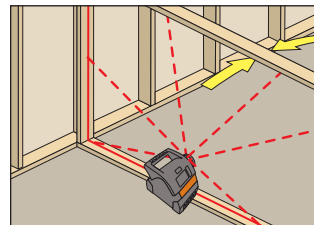
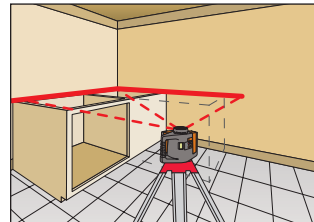
- **New:** Electronic Manual Slope allows you to set the laser in spin, dot or dither mode to up to +/- 10 degrees.
- **Level, Plumb and Squaring Beams:** Three spin speeds, two adjustable line lengths and pointing (dot) modes along with a 90 degree plumb beam allows customization of in and outdoor work.
- **Electronic Automatic Leveling:** The electronic operated automatic leveling mechanism eliminates set up time.
- **Automatic Out of Level Sensing (level applications only):** Audio (beeper) and visual (blinking laser beam) out of level indication signals if the unit is out of level.
- **Field calibration:** Easy field recalibration guarantees performance to specification and keeps the tool on the jobsite.

Includes

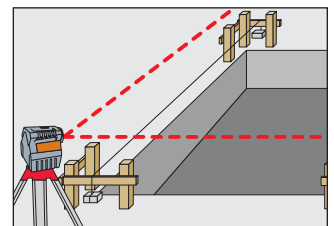
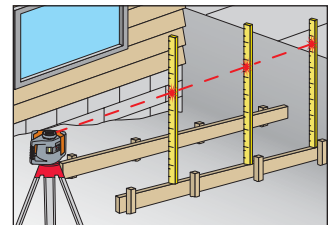
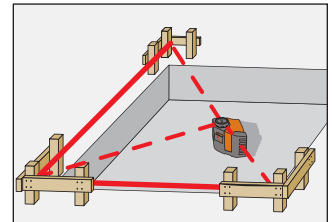
- Laser
- Laser Detector
- Grade Rod Bracket
- Laser Enhancement Glasses
- Laser Target
- User Guide
- Kitbox
- ePlane XP KT: Kit includes 123 Tripod, and 9' Grade Rod.



Interior Applications



Exterior Applications



Also available in regular power, single beam without slope in ePlane RT-5250-1.

ePlane uses the RoboLevel™ automatic levelling technology.

Level, Plumb & Square Manual Rotational Laser Kit (RT-3620-2K)

Specifications

- **Accuracy:** 1/4" @ 100' (6mm @ 30M);
- **Operating Range:** Up to 600' (180M) diameter with Laser Detector (RT-A1655)
- **Leveling:** Three precision vials and leveling screws
- **Three Operational Modes:** Pointing (Dot), Adjustable line/dither scan (2 lengths, 30° & 60°); Three speed spin (200, 450, 600rpm)
- **Laser Diode:** Class IIIA; 635 nm diode
- **Tripod Mount:** 1/4" x 20 and 5/8" x 11
- **Unit Power Supply:** : 2 "D" (not included)
- **Warranty:** 1 year limited

Features

- **Level, Plumb and Square Beams:** Dot (pointing), two adjustable line lengths and three speed spin modes allow customization of the beam length and brightness to meet specific conditions.
- **Vertical and Horizontal Operations:** Interior leveling, layout and drop ceiling applications are a snap with the rugged RT-3620-2 plumb rotating beam. For applications that require better laser beam visibility, the scan/dither mode provides a brighter beam. The included Laser Detector (RT-A1655) allows the RT-3620-2 to be used for exterior applications at ranges up to approximately 600' (180m) (diameter). The horizontal beam provides the capability for vertical, plumb and 90 degree layouts.
- **Laser Detector:** Included laser detector with 2 sided LCD display allows for beam detection in lighting conditions where the beam is not visible, even in bright sunlight.

Includes

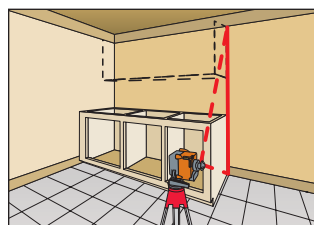
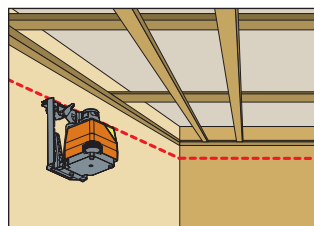
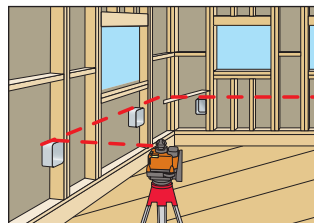
- Laser
- Laser Detector (RT-A1655)
- Laser Target
- User Guide
- Kitbox



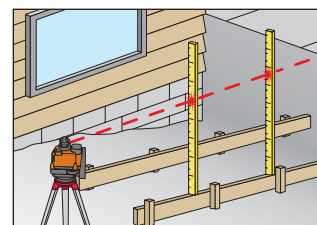
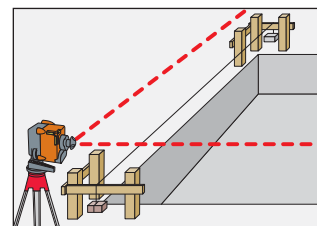
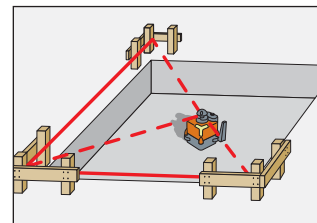
Applications

- **Carpentry:** Level and set cabinets and countertops; install trim and millwork; level, square and plumb decks; plumb framing.
- **Concrete:** Set forms and footings.
- **Electrical:** Level electrical outlets; check conduit clearance; layout conduit and wiring; transfer lighting layout from floor to ceiling.
- **Plumbing:** Layout piping, sewer lines, drainage and feed lines.

Interior Applications



Exterior Applications



Self-Leveling, Remote-Controlled, Laser Level (RT-7210-1)

Specifications

- **Accuracy:** Level: +/- 1/8" @ 100' (3mm @ 30M)
- **Operating Range:** Up to 200' (60m)
- **Modes of Operation:** Dot (Pointing); Line
- **RF Remote Control:** Controls all laser functions up to 200' (60m)
- **Pendulum Lock:** Protects pendulum during transportation and storage for added durability
- **Recalibration:** Easy Field calibration — no down time
- **Environmental:** Dust, dirt and water resistant
- **Laser Diode:** Class IIIA; 635 nm diode
- **Operating Temperature:** 14°F (-10°C) – 122°F (50°C)
- **Power Supply:** 4 "AA" batteries (not included)
- **Warranty:** 1 year limited

Features

- **Line or Dot Mode:** The option of a dot or line allows the choice of beam visibility and mode that best meets the level application requirements. The extra bright dotted line provides a beam brightness three times that of a line, eliminating the need for a detector.
- **Automatic Leveling:** The patented pendulum self leveling system utilizes gravity to consistently self level, eliminate set up time, guarantee accuracy and transfer reference points to multiple locations with high repeatability.
- **Automatic Out of Level Sensing:** The visual (blinking laser beam) out of level indication signals if the tool is out of level after initial set up. This eliminates tool status checks and costly errors, saving time and money.
- **Radio Frequency (RF) Remote Control:** The RF remote control allows for non-directional, unobstructed operation of all the laser functions anywhere on a cluttered jobsite. No line of sight required. The remote control allows for one-man operation of the laser system from the point of application, saving time and labor.
- **Field Recalibration:** Easy field recalibration guarantees performance to specification and keeps the tool on the jobsite, saving time and money.

Includes

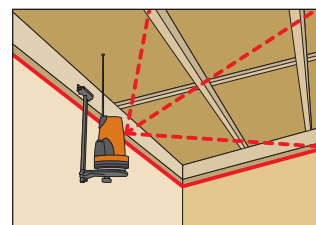
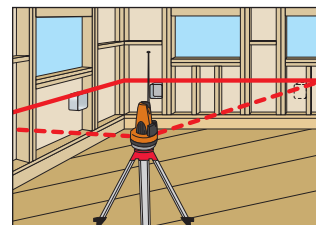
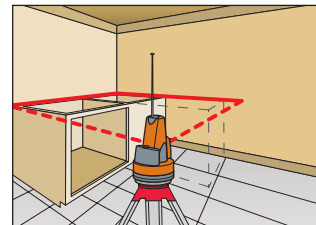
- Laser
- RF Remote Control
- Laser Target
- Laser Enhancement Glasses
- User Guide
- Kitbox



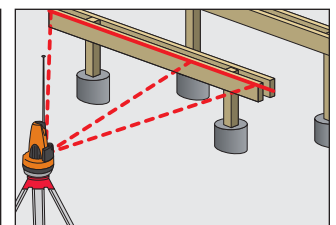
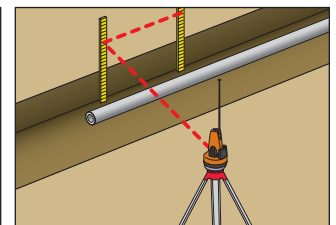
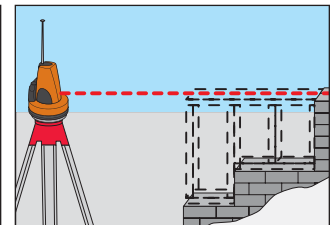
Interior/Exterior Applications

- **Interior:** Use the optional dotted line mode for optimal convenience with interior use.
- **Exterior:** Use the dot mode for maximum visibility with exterior use.

Interior Applications



Exterior Applications



Automatic Leveling, 2-Beam Level and Plumb CrossLiner (RT-7715-2)

Specifications

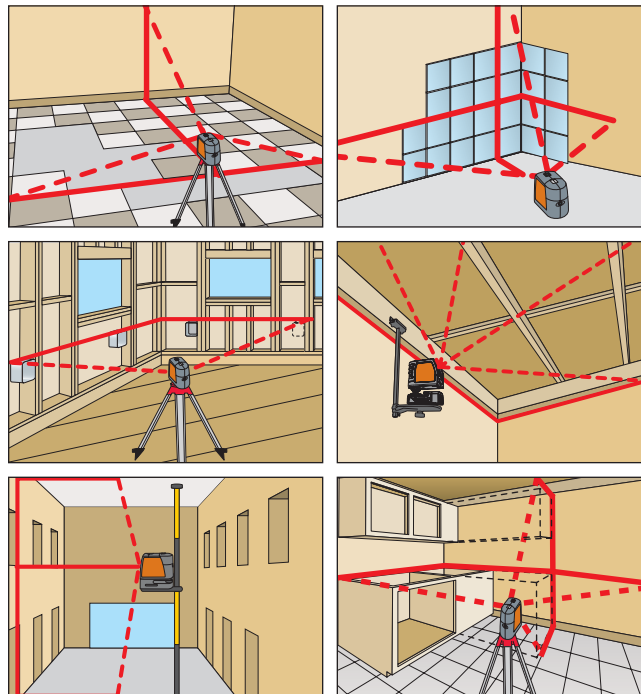
- **Accuracy:** +/- 1/8" (6mm) @ 100' (30m)
- **Range:** Up to 100' (30m)
- **Leveling:** Automatic
- **Out-of Level Indication:** Blinking laser lines
- **Laser Source/Class:** Two 635-650 nm diodes — Class IIIA
- **Fan Angle:** 140° vertical and 120° horizontal
- **Power Source:** Three (3) "AA" batteries (included)
- **Temperature Range:**
 - Operating: 14°F (-10°C) – 122°F (50°C)
 - Storage: -4°F (-20°C) – 158°F (70°C)
- **Unit Tripod Mount:** 5/8" x 11; 1/4" x 20
- **Operating Temperature:** -4°F (-20°C) – 158°F (70°C)
- **Unit Dimensions:** 4.3" x 2.1" x 5.4" (11cm x 5.4cm x 9cm)
- **Accessory Dimensions:** 4.3" x 2.1" x 2.1" (11cm x 5.4cm x 5.4cm)
- **Warranty:** 1 Year



Features

- **Variable Beam Options:** Precision, vertical and horizontal lines operate simultaneously or independent of each other for countless level and plumb applications.
- **Locked Line Angle:** Take unit out of self-leveling mode and lock line in place allowing you to set unit at any angle.
- **Automatic Leveling:** The gravity leveled pendulum self leveling mechanism eliminates set up time and guarantees accuracy.
- **Automatic Out of Level Sensing:** The visual (blinking laser beam) out of level indication signals if the unit is out of level after initial set up. This eliminates tool status checks and costly errors, saving time and money.
- **Multipurpose Attachment Accessory:** Attachment accessory with strong magnets, tripod mounts and straps allow for attachment of the tool to a variety of different surfaces including metal studs, wooden beams and tripods.
- **Multipurpose Attachment Accessory:** Set up 45° angles on all lines. Strong magnets, tripod mount and straps allow for attachment of the tool to a variety of different surfaces including metal studs, wooden beams and tripods.

Interior Applications



Includes

- Laser
- Multipurpose Attachment Accessory
- Belt Pouch
- Mounting Strap
- User Guide
- Three (3) "AA" batteries

Vector 5e™

Automatic Leveling 5-Beam Level, Plumb & Square Laser (RT-7610-5)

Specifications

- **Accuracy:** +/- 1/4" (6mm) @ 100' (30m)
- **Operating Range:** Up to 100' (30m)
- **Recalibration:** On the jobsite
- **Laser Diode:** Class II 635nm diode
- **Tripod Mount:** 1/4" x 20 and 5/8" x 11
- **Power Supply:** 4 "AA" batteries (not included)
- **Rugged Construction:** Dust, dirt and water resistant
- **Storage Temperature:** -4F (-20°C) – 158 F (70°C)
- **Warranty:** 1 year limited

Features

- **Level, Plumb and Square Beams:** Five square (90°) beams provide simultaneous level, plumb and square reference points. All beams originate from the same source guaranteeing superior accuracy and repeatability.
- **Automatic Leveling:** The automatic leveling mechanism eliminates set up time, guarantees accuracy and the repeatable transfer of points to multiple locations.
- **Automatic Out of Level Sensing:** The visual (blinking laser beam) out of level indication signals if the unit is out of level after initial set up. This eliminates tool status checks and costly errors saving time and money.
- **Multipurpose Attachment Accessory:** Attachment accessory with strong magnets, tripod mounts and straps allow for attachment of the tool to a variety of different surfaces including metal studs, wooden beams and tripods.
- **Field Recalibration:** Easy field recalibration guarantees performance to specification and keeps the tool on the jobsite, saving time and money.

Includes

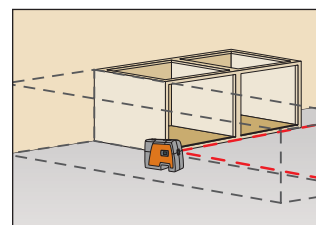
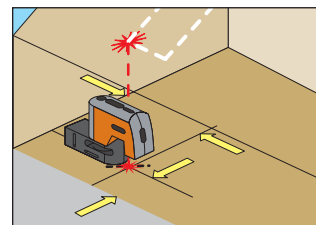
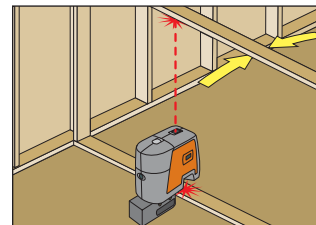
- Laser
- Multipurpose Attachment Accessory
- Laser Enhancement Glasses
- Laser Target
- User Guide
- Kitbox



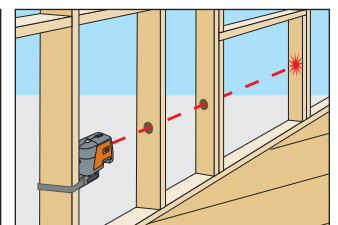
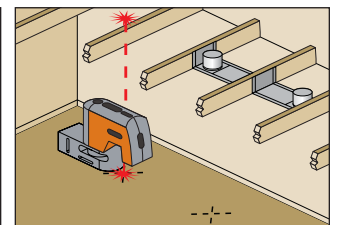
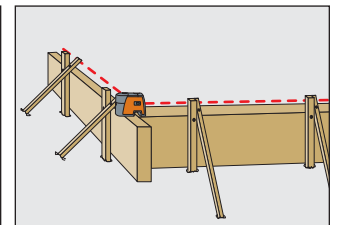
Applications

- **Carpentry:** Level and set cabinets and counter tops; Level, square and plumb decks; Plumb framing and partition walls.
- **Concrete:** Set forms and footings; Square foundations.
- **Electrical:** Level electrical outlets; Transfer lighting layout from floor to ceiling.
- **Flooring:** Layout tile.

Interior Applications



Exterior Applications



Vector 3™

Automatic Leveling, 3-Beam Level & Plumb Laser (RT-7510-3)

Specifications

- **Accuracy:** +/- 1/4" (6mm) @ 100' (30m)
- **Operating Range:** Up to 100' (30m)
- **Recalibration:** On the jobsite
- **Environmental:** Dust, dirt and water resistant
- **Laser Diode:** Class II; 635 nm diode
- **Pendulum Lock:** Protects pendulum during transportation and storage for added durability
- **Tripod Mount:** 1/4" x 20 and 5/8" x 11
- **Operating Temperature:** -4F (-20°C) – 158 F (70°C)
- **Power Supply:** 4 "AA" batteries (not included)
- **Dimensions:** 4" x 3" x 1.5" (10cm x 8cm x 4cm)
- **Warranty:** 1 year limited

Features

- **Level and Plumb Beams:** Three square (90°) beams provide simultaneous level and plumb reference points. All beams originate from the same source guaranteeing superior accuracy and repeatability.
- **Automatic Leveling:** The automatic leveling mechanism eliminates set up time, guarantees accuracy and the repeatable transfer of points to multiple locations.
- **Automatic Out of Level Sensing:** The visual (blinking laser beam) out of level indication signals if the unit is out of level after initial set up. This eliminates tool status checks and costly errors, saving time and money.
- **Compact:** Fits in any tool bag or on any tool belt.
- **Multipurpose Attachment Accessory:** Attachment accessory with strong magnets, tripod mounts and straps allow for attachment of the tool to a variety of different surfaces including metal studs, wooden beams and tripods.
- **Field Recalibration:** Easy field recalibration guarantees performance to specification and keeps the tool on the jobsite, saving time and money.

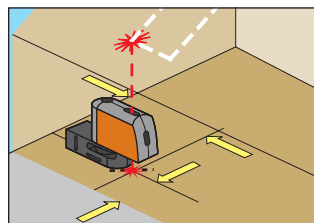
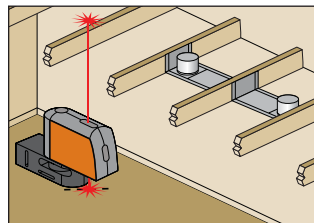
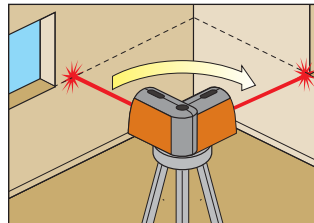
Includes

- Laser
- Multipurpose Attachment Accessory
- Laser Target
- Carrying Pouch
- User Guide
- Kitbox

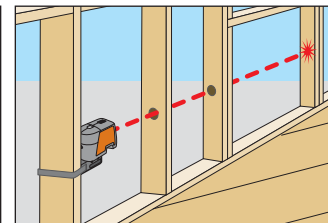
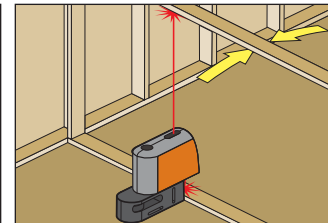
Vector 3™ is part of the RoboVector™ family of products.



Interior Applications



Exterior Applications



Torpedo 3™

3-Beam Level & Square Laser (RT-3610-3)

Specifications

- **Accuracy:** +/- 1/4" (6mm) @ 75' (23m)
- **Operating Range:** Up to 200' (60m)
- **Manual Leveling:** Three precision bubble vials
- **Environmental:** Dust, dirt and water resistant
- **Laser Diode:** Class II; 635 nm diode
- **Tripod Mount:** 1/4" x 11
- **Operating Temperature:** -4F (-20°C) – 158 F (70°C)
- **Power Supply:** 3 "AAA" batteries (not included)
- **Dimensions:** 9.5" x 1.0" x 1.75" (10cm x 8cm x 4cm)
- **Warranty:** 1 year

Features

- **Precision Crafted:** Manufactured of anodized, machined aluminum for superior accuracy and durability.
- **Level, Plumb & Square:** Three square (90°) beams provide simultaneous level, plumb and square reference points. All beams originate from the same source guaranteeing superior accuracy and repeatability.
- **Flexible Attachment:** The laser's v-groove base, magnets, wall mounts and strap slot give it the flexibility to be used for all plumb, level and square applications. The v-groove allows the laser to parallel up to 10" diameter pipes. The powerful magnet base allows the Torpedo 3 to attach at any angle to metal surfaces. Use the wall mounts to screw the unit into sheet rock, studs, etc. Use the strap slot to add a strap that will attach to pipes, studs, etc.
- **Superior Performance:** The laser's exclusive diamond cut, single piece beam splitter: 1) guarantees perpendicularity; 2) provides common origin for all beams, thereby eliminating inconsistent offsets; 3) preserves accuracy over time by reducing parts & assembly.
- **FREE Leveling Base:** Leveling base allows for quicker, easier set up. A \$25 value!
- **Built-In Tripod Mount:** The built-in tripod mounts fits a 1/4" x 20 tripod.

Includes

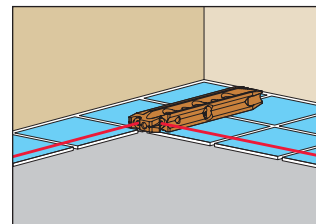
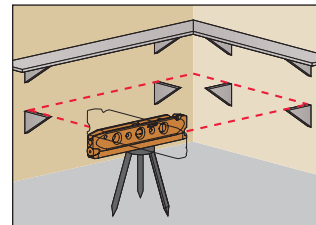
- Laser
- Leveling Base
- User Guide



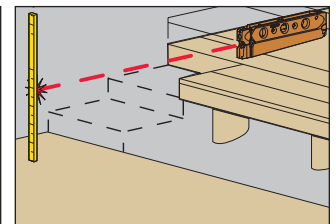
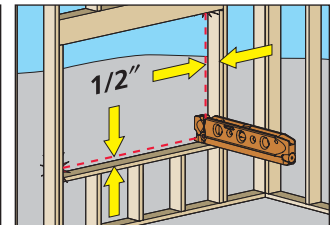
Applications

- Flooring Installations, Squaring walls, office systems (cubicles), decks, window and door frames; Level and align forms, posts and cabinets; Plumb walls, window and door frames and more!

Interior Applications



Exterior Applications



Detectors

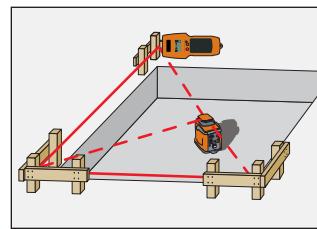
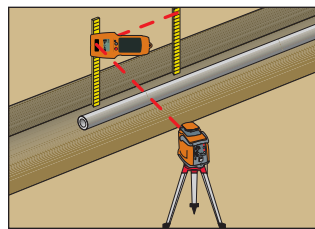
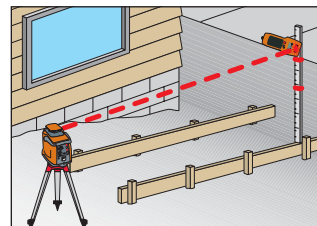
Laser Detector/RF Remote Control, Rod Bracket and User Guide (RT-A1690)

Specifications

- **Operating Range:**
 - Laser Detector — Up to 1,000' (300m)
 - RF Remote Control — Up to 500' (150m)
- **Adjustable Sensitivity:** Coarse: 1/4" (6mm); Fine: 1/8" (3mm)
- **Audible Line Alert:** On/Off Beeper –80dB
- **Rod Bracket (Included):**

Features

- The RT-A1690 laser detector is designed to work with Toolz base unit models RT-7690-2 and RT-7690-2XP only. It allows for laser beam detection indoors or outdoors, under lighting conditions where beam visibility is poor. It extends the range of your RT-7690 series laser up to 1000 feet (300m).
- The RF remote control allows for non-directional, unobstructed operation anywhere on a busy jobsite up to 500 feet (150m). No line of sight required. The remote control allows for one-man operation of a laser system from the point of application, saving time and labor.
- Two sided LCD.



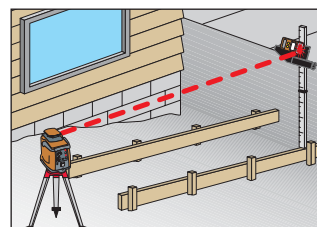
Laser Detector/Receiver (RT-A1655)

Specifications

- **Operating Range:** Up to 1,000' (300m)
- **Adjustable Sensitivity:** Coarse: 1/4" (6mm); Fine: 1/8" (3mm)

Features

- Laser Detector/Receiver
- Two sided LCD display
- Low Battery Indicator
- Audible Line Alert: On/Off Beeper



RoboToolz detectors use the Robodetector™ technology.

Optical Tools

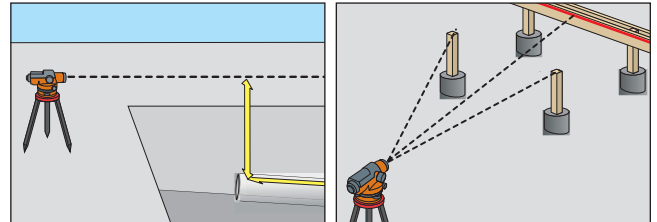
Automatic Level (RT-2710-26)

Specifications

- **Accuracy:** 1/32" (.75mm) @ 100' (30m)
- **Magnification:** 26x
- **Range:** 325' (100m)
- **Applications:** Level
- **Stadia:** 1:100
- **Warranty:** 1 year limited

Features

- 360 Graduated Circle
- Automatic Leveling
- Crosshair Focusing Eyepiece



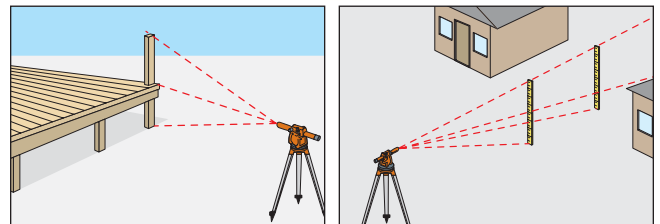
Transit Level (RT-2350-20)

Specifications

- **Accuracy:** 1/4" (6 mm) @ 100' (30m)
- **Magnification:** 20x
- **Range:** 200' (60m)
- **Vertical Arc:** 0-45 degrees, 1 degree graduations
- **Applications:** Level and Plumb
- **Warranty:** 1 year limited

Features

- 360 Graduated Circle
- Horizontal Lock with 3 Point Leveling Action



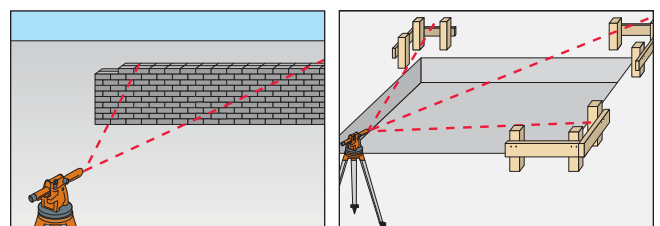
Builders Level (RT-2210-20)

Specifications

- **Accuracy:** 1/4" (6 mm) @ 100' (30m)
- **Magnification:** 20x
- **Range:** 200' (60m)
- **Applications:** Level, Grade
- **Warranty:** 1 year limited

Features

- 360 Graduated Circle

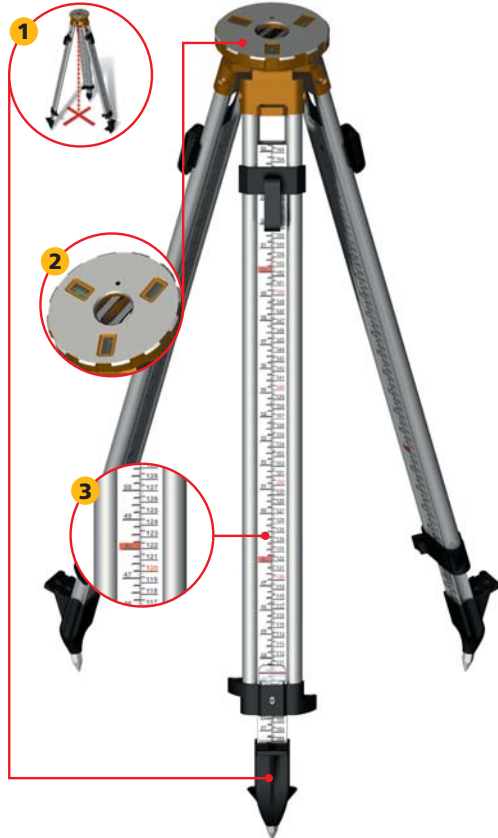


Accessories

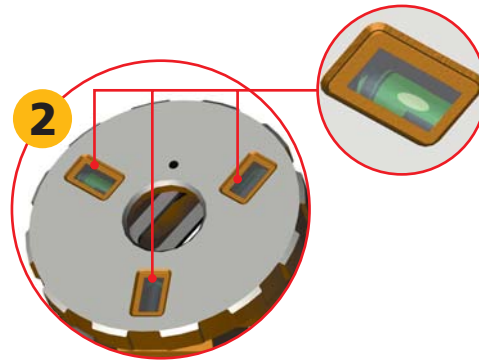
1•2•3 Tripod (RT-A1150-123)

In three simple steps patent pending technology guarantees:

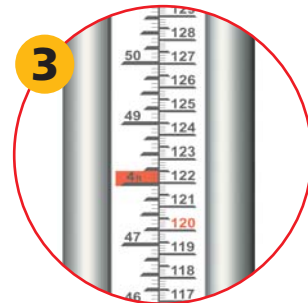
- 1 Tripod sets directly plumb over target mark — no need for a plumb bob.
- 2 Tripod head sets level every time.
- 3 Tripod sets final desired height every time.



Set tripod directly plumb over target: Any contractor can expertly set the tripod directly plumb over a desired target on the ground. No need to ever adjust the tripod or use a plumb bob to line up over a monument or fiducial mark. Simply start at your target mark using the unique tripod starter foot and follow the simple three step set up procedure.



Set tripod head level: Contractors do not need to worry any more about site conditions when trying to estimate a level position for the tripod head. The 1•2•3 tripod with the nested three precision bubble vials allows the user to take out the guesswork and quickly set the tripod head level every time even in the most rugged terrain.



Set tripod to final desired height: Users no longer need to constantly adjust the tripod up and down to achieve their final desired height. The simple setup procedure and the graduated scale allow contractors to quickly achieve their required height every time.

- Heavy duty all aluminum structure
- Precision turned, round tripod head
- Three precision bubble vials with protective cap
- Height 40" to 65"
- Quick release leg clamps
- 5/8" by 11 threaded mount
- Protective cap included
- Replaceable foot tips

Accessories

9' Grade Rod (RT-A1450)

Specifications

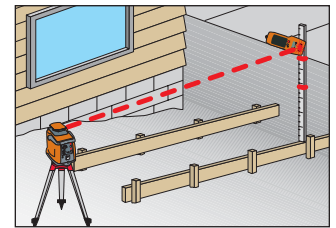
- **9' Length:** Suitable for Most Common Applications
- **Measures in Inches and Eighths**
- **Collapsible to 3' 5"** for Easy Storage and Transportation
- **Warranty:** 1 year limited

Features

- Quick release buttons for easy setup and breakdown.
- Lightweight, durable aluminum construction with reinforcing tips.
- 3 telescoping sections that lock securely together.

Applications

- Setting concrete forms and footings.
- Define slope or grade.
- Layout piping, sewer and feed lines.



Aluminum Contractor's Tripod (RT-A1150)

Specifications

- **Closed Length:** 40" (1m); Opened length: 65" (1.7m)
- **Diameter of Tripod Head:** 5" (12.7cm)
- **Mounting Head:** 5/8" x 11

Features

- Rugged aluminum tripod ideal for indoor and outdoor applications.
- Lightweight heavy gauge aluminum leg extensions have complete contact with outer legs for added stability and durability.
- Quick release leg clamps for easier and faster adjustment.
- Shoulder strap for easy portability.
- Furnished with plumb bob hook.
- **Works with Toolz Models:** RT-7690-2, RT-7690-2XP, RT-5250-2XP, RT-5250-1, RT-7210-1, RT-7610-5, RT-7510-3, RT-7615-2, RT-3620-2, RT-3610-3, RT-3210-1 and RT-7715-2.



Accessories

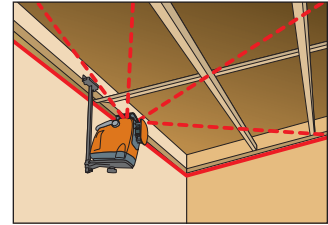
Wall/Ceiling Mount (RT-A1350)

Specifications

- **Dimensions:** 6.25" (16cm) x 4.75" (12cm)
- **Vertical Extension Range:** 8.0" (20cm)
- **Mounting Thread:** 5/8" x 11
- **Scale:** Inches/Centimeters
- **Warranty:** 1 year limited

Features

- Heavy duty metal for durability.
- Works with RoboToolz models:
 - RT-7690-2XP
 - RT-7690-2
 - RT-5250-2XP
 - RT-5250-1
 - RT-7210-1
 - RT-7610-5
 - RT-7715-2
 - RT-3620-2
- Interior leveling and drop-ceiling installations.
- Securely mounts to walls, T-bar framing, beams, walls and chair railings.



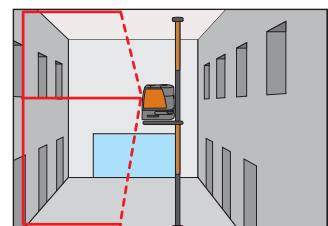
Laser Pole (RT-A1250)

Specifications

- The adjustable laser platform allows you to position the laser tool at heights ranging from as low as 8 inches up to 12 feet. The standard 5/8 x 11 threaded insert lets you mount a wide variety of laser tools.
- The five metal pole sections (graduated in 2 foot increments) are constructed for durability that ensures no breaking or warping.
- An opening in the laser platform allows for the detection of a downward plumb beam.

Features

- Works with RoboToolz models:
 - RT-7690-2XP
 - RT-5250-2XP,
 - RT-7690-2,
 - RT-5250-1
 - RT-7210-1
 - RT-7610-5
 - RT-3620-2.
 - RT-7715-2
 - RT-7510-3
- Nylon Carrying Bag.
- Laser Unit Not Included with RT-A1250.



Protection granted under one or more of the following patents: US 6,950,177;
US 5,680,208; US 5,720,112; US 5,903,345; US 6,542,304; US 6,549,483;
US 6,625,895; US 6,657,788; US 6,741,343; US 6,591,510; US 6,804,892;
US 6,829,043; US 6,848,188; US 6,878,954. Other patents pending.

RoboToolz®, RoboLaserFrutiger®, RoboSquare®, RoboTape®, RoboVector® are
registered trademarks of RoboToolz Limited. Torpedo™, Torpedo 3™, 123 Tripod™,
ePlane™, mPlane™, DualPlane™, Vector™, Vector 5e™, Vector 3™, CrossLiner™
RoboDetector™, RoboLevel™ are trademarks of RoboToolz Limited.

To order call 650-903-4944 ext. 105

Copyright © 2006, RoboToolz, Ltd. All rights reserved.

RoboToolz® is a trademark of RoboToolz Ltd.

www.robotoolz.com