



# POSITIONING TOOLS AND ACCESSORIES

SLOPE LASERS | UTILITY LASERS | INTERIOR LASERS | CONSTRUCTION LASERS | MULTI-BEAM LASERS  
THEODOLITES | TOTAL STATIONS | 2D MACHINE CONTROL | AUTOMATIC LEVELS | ACCESSORIES



# Positioning Tools and Accessories Catalog

## Lasers

<b>RL-H4C</b> Self-Leveling Construction Laser.....	2
<b>RL-SV2S</b> High Accuracy, High Value Dual Slope Laser.....	3
<b>TP-L4B</b> Red Beam Pipe Laser.....	4
<b>RL-VH4DR / RL-VH4G2</b> Multi-Purpose Rotating Lasers.....	5
<b>LS Series</b> Laser Receiver and Wireless Remote Display.....	6

## Levels

<b>AT-B Series</b> Automatic Levels.....	7
------------------------------------------	---

## Theodolites

<b>DT-200 Series</b> Digital Theodolites.....	8
-----------------------------------------------	---

## Total Stations

<b>GTS-100N Series</b> Construction Total Stations.....	9
---------------------------------------------------------	---

## Value Priced Solutions

<b>Taurus</b> General Construction Laser Level.....	10
<b>Gemini Series</b> Multi-Purpose Lasers.....	11
<b>Leo Series</b> Multi-Line Lasers.....	12
<b>Orion+</b> Digital Automatic Levels.....	13

## Positioning Tools Accessories

<b>Tripods, Grade Rods and Accessories</b> .....	14-17
--------------------------------------------------	-------

# RL-H4C

## Self-Leveling Construction Laser



- **Long Range Operation (400m)**
- **New Smart Long Range Laser Receiver**
- **Tough IP66 Construction Rating**
- **New Dual Handle Design**
- **±10 Arc Seconds Horizontal Accuracy**
- **±5 Degrees Self-leveling Range**
- **Longest Battery Life in its Class**

### Multi-Purpose Laser

Grading, excavating and general construction projects are perfect applications for the RL-H4C. With the added "Slope Matching" feature you can check grade on all your flat and slope work.

The 600 rpm rotation speed makes the RL-H4C a great match with any machine mounted laser sensor. Wherever you need an accurate, horizontal laser, the RL-H4C is your best solution.

### Easy-To-Use

With electronic self-leveling you hit the Power Button and go right to work in seconds. If your RL-H4C gets disturbed on the job it relevels itself automatically. Its super-fast self-leveling motors are accurate to +/-10 arc seconds.

### Long Range Operation

Need to shoot elevations up to 1,300 ft. from your laser? No problem. This instrument has the power and range to cover a 2,600 ft. diameter jobsite.

		List Price
RL-H4C (D-Cell)	313650752	<b>\$750</b>
RL-H4C (Rechargeable)	313650702	<b>\$895</b>

Specifications	RL-H4C
<b>Accuracy</b>	Horizontal ±10 arc seconds
<b>Self-Leveling Range</b>	Horizontal ±5°
<b>Working Area (Diameter)</b>	2,600 ft. (800m)
<b>Rotation Speed</b>	600 rpm
<b>Light Source</b>	Visible Laser: 635nm
<b>Laser Power</b>	2.4mW
<b>Laser Class</b>	Laser Safety CDRH(FDA) III a JIS/IEC 3R
<b>Dust / Water Protection</b>	IP66
<b>Operating Time</b>	(4) D Cell: 100 hours; Rechargeable Ni-MH: 60 hours
<b>Operating Temperature</b>	-4°F ~ 122°F (-20°C ~ +50°C)
<b>Size</b>	216.5 x 195.6 x 177mm (8.5" x 7.7" x 7.0")
<b>Weight</b>	2.4kg (5.3 lbs.) with dry cell batteries; 2.6kg (5.7 lbs.) with rechargeable
<b>Warranty</b>	5 Years

# RL-SV2S

## High Accuracy, High Value Dual Slope Laser



- **Rugged, Lightweight and Compact**
- **Dual, Single Slope for Flat Work**
- **High Powered – 2,600 ft. Range**
- **Long Battery Life – Up to 100 Hours**
- **Multi-Purpose – Use for Layout and Alignment**

### Dual Slope, Long Range, Self-Leveling Laser

Following in a long line of superior quality laser transmitters the RL-SV2S is a dual slope, long range, self-leveling instrument built to out perform all of its competitors.

This laser is for general construction or engineering projects and designed to use for flat work, single or dual slope applications. Slopes up to +/- 5% can be used in either the X or Y axis. With a 2,600 ft. (diameter) operating range the RL-SV2S has the power to cover even the biggest job sites.

The RL-SV2S can be turned on its side and used for layout and alignment. Lay it down on the built-in mount or attach it to a tripod and the laser will electronically self-level for fast and accurate vertical applications. This multi-use laser does just about everything.

This versatile construction tool is loaded with all the features contractors love including long battery life (100 hrs/alkaline and 60 hrs/rechargeable Ni-MH), height of instrument alert, and electronic shutters. All of these features (and others) can be accessed on the front control panel or on a remote control device which comes standard.

	List Price
RL-SV2S (Dry Battery) 313660752	<b>\$2,195</b>
RL-SV2S (Rechargeable) 313660702	<b>\$2,495</b>

Specifications	RL-SV2S
<b>Accuracy</b>	Horizontal ±10 arc seconds
<b>Self-Leveling Range</b>	Horizontal ±5°
<b>Working Area (Diameter)</b>	2m - 800m w/ LS-80L
<b>Rotation Speed</b>	600 rpm
<b>Light Source</b>	Laser Diode: 635nm
<b>Laser Class</b>	CDRH (FDA) Class IIIa, IEC Class 3R
<b>Dust / Water Protection</b>	IP66 (Based on the standard IEC60529)
<b>Operating Time</b>	(4) D Cell: 100 hours; Rechargeable Ni-MH: 60 hours
<b>Operating Temperature</b>	-4°F ~ 122°F (-20°C ~ +50°C)
<b>Size</b>	177 x 196 x 217mm (7.0" x 7.7" x 8.5")
<b>Weight</b>	2.5kg (5.5 lbs.) with dry cell batteries; 2.7kg (5.9 lbs.) with rechargeable
<b>Warranty</b>	5 Years

# TP-L4B

## Red Beam Pipe Laser



- **Bright, Easy-to-Read Rear Display**
- **World's Brightest and Best Long-range Spot Quality**
- **All Metal, Waterproof Housing**

Topcon's TP-L4 series of alignment lasers offer a combination of features and technologies that are proven to meet the demands of contractors more than any other alignment lasers on the market. Whether in the trenches, over-the-top, or laser guidance in mining and tunneling, the TP-L4 is the industry standard. Here's a few reasons why:

### Easy-To-See Display

The large, backlit LCD is sloped so you can easily see the panel without climbing into the manhole or trench. Safer, faster, better.

### Functional Accessibility Anywhere

The RC-200 remote puts all of the features at your fingertips whether you're at the laser or up to 660 ft. away.

### Tough and Reliable

A utility laser has to meet the demands of tough jobsite conditions, and Topcon's TP-L4 is by far the toughest. Its all cast-aluminum housing is sealed to keep out moisture, even when submerged. It survives even in the harshest environments.

Specifications	TP-L4B
Horizontal Accuracy	±10"
Auto Line Centering	Yes
Housing Construction	Cast Aluminum
Plumb Reference	Yes
Plumb Reference Type	LED
Beam Color	Red
Laser Source	633 nm Diode
Waterproof	At least 16.5 ft (5 m) for 24 hours
Grade Range	-15% to +40%
Battery Life	Alkaline 70 hours / Rechargeable 48 hours
Operating Temperature	-4F ~ 122°F (-20°C ~ 50°C)
Size	125 x 374mm (4.9" x 14.7")
Weight	3.8kg (8.21 lbs.)
Warranty	5 Years

TP-L4B Package    329480111    **List Price \$4,695**

# RL-VH4DR / RL-VH4G2

## Multi-Purpose Rotating Lasers



- **Red Beam Version**
- **GreenBeam® Version**
- **SmartScan® Beam Control with Line Drawing**
- **Remote Control Capabilities**
- **Designed for Fast Set-up Time**

### Multi-Purpose Rotating Lasers

If you're looking for exceptional value and more options in your Construction Lasers you've come to the right place. Topcon's new RL-VH4 Laser Series lets you pick the tool that is best for your job and your budget. You can select from either a red or GreenBeam® and either an Interior or General Construction model.

### Vertical Alignment

Use the 90 degree plumb beam to easily square walls and align wall track. Simply place the optional vertical target on your line, place the RL-VH4DR/G2 at the other end, and use the manual slope buttons, or included RC-40 Remote to center the beam on the target.

### SmartScan®

Topcon's SmartScan® lets you draw a line of focused laser light on any surface, to any length you need. It stays there as long as you need, until you release it using the target plate.

### Self-leveling

Set up within 5 degrees of level and push the power button. RL-VH4DR/G2 features fast self-leveling (under 5 seconds) so it will be spinning and ready to go to work when you are.

RL-VH4DR Packages	List Price
RL-VH4DR Interior (includes wall mount/no sensor)	313750752 <b>\$1,245</b>
RL-VH4DR G.C. (includes sensor/no wall mount)	313750702 <b>\$1,270</b>
RL-VH4G2 Packages	List Price
RL-VH4G2 Interior (green beam)	313760752 <b>\$2,970</b>
RL-VH4G2 G.C. (green beam)	313760702 <b>\$2,990</b>

Specifications	RL-VH4DR	RL-VH4G2
<b>Accuracy</b>	2 mm/20 m	2 mm/20 m
<b>Detecting Range</b>	300 m	300 m
<b>Beam Type</b>	635 nm red	532 nm green
<b>Rotation Speed</b>	0-300 rpm	0-300 rpm
<b>Laser Class</b>	3R	3R
<b>Scanning Width</b>	180 degrees	180 degrees
<b>Dust / Water Protection</b>	IP54	IP54
<b>Operating Time</b>	Alkaline batteries: 30 hours	Alkaline batteries: 30 hours
<b>Size</b>	182 x 167 x 240mm (7.2"x6.6"x9.5")	182 x 167 x 240mm (7.2"x6.6"x9.5")
<b>Weight</b>	2.2kg (4.85 lbs.)	2.6kg (5.73 lbs.)
<b>Warranty</b>	5 Years	

# LS Series

## Laser Receiver and Wireless Remote Display



- **Large Working Range**
- **LS-B10: 270° Detection**  
**LS-B100: 360° Detection**
- **Rugged, Waterproof Design**
- **Wireless**
- **On-grade Matching**
- **Bright Indicator Lights**
- **Universal Pole Clamp**

### LS-B10 Receiver

The LS-B10 laser receiver delivers a versatile, low cost indicate solution for grade checking and machine control grade applications. Weighing in at about 1 pound, it's easily 66% lighter than any other receiver in its class!

With its integrated magnetic mount, the LS-B10 can be easily installed on a vast array of machines. With its small, lightweight design, the LS-B10 with Holder-6 is excellent for manual grade checking as well!

### LS-B100 Receiver

Looking for a great value on a Laser Sensor for your earth moving machines?

Check out the LS-B100. Fast to set up and easy to use, this affordable depth control sensor can be mounted to your equipment and working within minutes. This unit is packed full of features such as an Accuracy Mode and Battery Life Indicator. Plus, it has a Power Save/Auto Cut Off function to save your battery life. The LS-B100 is a low-cost grade indicate solution that makes any operator more productive.

Specifications		LS-B100
<b>Detective Angle</b>		360°
<b>Detective Precision</b>		Model 1: ±3mm; Model 2: ±6mm; Model 3: ±15mm; Model 4: ±30mm
<b>Continuous Operating Time</b>		Approximately 100 hours
<b>Operating Temperature</b>		-4°F to +122°F (-20°C to +50°C)
<b>Dust / Water Protection</b>		IPX66 (Based on the standard IEC60529))
<b>Warranty</b>		1 Year
Specifications		LS-B10
<b>Horizontal Detecting Range</b>		270°
<b>LED Grade Indicators</b>		Red, Green and Red
<b>Operating Time</b>		Approximately 100 hours
<b>Size</b>		115 x 40 x 180mm with magnet (4.5" x 1.6" x 7.1")
<b>Weight</b>		Less than 500g
<b>Warranty</b>		1 Year

		List Price
LS-B10	312660101	<b>\$695</b>
LS-B100	312670101	<b>\$1,250</b>

# AT-B Series

## Automatic Levels



- **Durable, Dependable, High Value Auto Levels**
- **3 Models - 32x, 28x, and 24x Magnifications**
- **Rapid, Accurate, and Stable Automatic Compensation**
- **Ultra-Short 20cm (7.9 in.) Focusing**
- **All-Weather Dependability**
- **Clampless, Endless Fine Horizontal Adjustments**

### Rapid, Stable, and Durable Compensator

The compensator of AT-B Series incorporates four suspension wires made of super-high-tensile metal that features minimal thermal expansion coefficient, providing unmatched durability and accuracy. A finely tuned magnetic damping system quickly levels and stabilizes the line of sight despite the vibrations present when working near heavy equipment or busy roadways.

### Horizontal Circle for Angle Measurement

Horizontal angles can be directly read in 1° or 1gon units. Free rotation feature allows you to read any angle from zero. The circle is covered for protection against dirt and scratches. The readout window is located below the eyepiece for quick reading.

### 20cm (7.9 in.) - Ultra-Short Minimum Focus

The AT-B Series can focus on objects at 20cm (7.9 in.) in front of the telescope. This feature dramatically facilitates the work in confined spaces.

### All-Weather Dependability

With the IPX6 rating, the instrument is protected against powerful water jets from all directions, meaning the AT-B Series withstands a sudden shower or torrential rainfall. The advanced protection design also deters clouding or condensation inside the telescope.

		List Price
AT-B2	2110220B0	<b>\$1,395</b>
AT-B3	2110230B0	<b>\$595</b>
AT-B4	2110240B0	<b>\$295</b>

Specifications	AT-B2	AT-B3	AT-B4
Telescope Length	215mm (8.46 in.)		
Magnification	32X	28X	24X
Objective Aperture	42mm (1.65 in.)	36mm (1.42 in.)	32mm (1.26 in.)
Resolving Power	3 in.	3.5 in.	4 in.
Setting Accuracy	0.3 in.	0.5 in.	0.5 in.
Working Range	±15 ft.	±15 ft.	±15 ft.
Sighting Aid	Peep Sight	Gun Sight	Gun Sight
Dust / Water Protection	IPX6 (IEC 60529:2001)		
Operating Temperature	-4°F to +122°F (-20°C to +50°C)		
Size	130 x 215 x 140mm (5.1" x 8.5" x 5.5")		
Weight	1.85kg (4.1 lbs.)		
Warranty	5 Years		

# DT-200 Series

## Digital Theodolites



- **Simplify Layout and Positioning Jobs with Unmatched Speed and Accuracy**
- **Optics-centered Laser for Verifiable Accuracy – up to 165 ft. (50m) away**
- **Extremely Low Power Consumption – 140 hrs of Operation from 4AA Batteries (w/o Laser)**
- **Waterproof and Dustproof**
- **Vertical Angle Correction Provides ±3 Minutes Accuracy**
- **RS232C Data I/O Port**

### Durability, Accuracy and Value

With Topcon's DT-200 you'll be up and working fast, thanks to its simple interface and large, easy-to-see backlit LCD. There's an optical plummet that makes set up over a control point easy, and a tilt sensor that provides ±3 minute angle correction. The DT-200 Series features a super-short 3' minimum focus distance for those tight areas, and angle accuracy of 9 arc seconds.

### Water and Dustproof

All DT-200/DT-200L Series instruments are rated to IP66. Each telescope is gas charged to further avoid moisture intrusion and limit or eliminate lens fogging.

### The Ultimate in Continuous Operation

The DT-200/DT-200L Series provides up to 140+ hours of operation in Angle Measurement mode on 4AA batteries. When it is time to change batteries, it's as easy as snapping out the old ones and snapping in the new.

### Laser Accurate

Topcon's World Leading laser technology is incorporated in to the DT-200L to aid in fast, confident alignment. The 633nm beam is emitted directly from the aperture, but does not impede viewing. In fact it's not even visible when sighting through the lens.

		List Price
DT-209 9" Accuracy	303216141	<b>\$2,590</b>
DT-209L 9" Accuracy	303217141	<b>\$3,390</b>

Specifications	DT-209	DT-209L
<b>Accuracy</b>	9"	9"
<b>Magnification</b>	26x	26x
<b>Field of View</b>	1°30'	1°30'
<b>Resolving Power</b>	2.5"	2.5"
<b>Minimum Reading</b>	10"/20"	10"/20"
<b>Minimum Focus</b>	0.9m (2.9')	0.9m (2.9')
<b>Power Supply</b>	4AA batteries	4AA batteries
<b>Dust / Water Protection</b>	IP66	IP66
<b>Operating Time</b>	Theodolite only 170h	Theodolite and laser 45h
<b>Operating Temperature</b>	-4°F ~ 122°F (-20°C ~ +50°C)	-4°F ~ 122°F (-20°C ~ +50°C)
<b>Weight</b>	3.4kg (7.5 lbs.)	3.6kg (8 lbs.)
<b>Warranty</b>	2 Years	

# GTS-100N Series

## Construction Total Stations



- **Economical, Value-priced Measuring Solution**
- **Rugged, Durable, Water Resistant Design**
- **Two Accuracies To Choose from: 2" & 5"**
- **Expanded, Full Numeric Keypad**
- **On-board Programs & 24,000 Point Data Storage**
- **Ideal as a Construction Stakeout Total Station**
- **Extended Capability when Combined with Field Controller and Software**

### The GTS-100N Series Total Station

Topcon's GTS-100N Series is the economical measuring solution that puts the power of high-end layout and measurements in the hands of construction and law enforcement professionals.

Nobody knows optical instruments better than Topcon. With 75 years of experience developing and manufacturing the world's most advanced construction instrumentation, from the world's first total station to the world's first Windows® based total station, professionals worldwide put their trust in Topcon everyday.

### Two Accuracies To Choose From

The GTS-100N Series is available in a 2 arc seconds and 5 arc seconds models. Both support 30x magnification and can store up to 24,000 points in internal memory in addition to Topcon's onboard software.

### Jobsite Tough

The GTS-100N provides Topcon's exacting standards for accuracy and advanced technology in a light, compact package that is built specifically for the rigors of an active jobsite. Water resistant and dustproof, it's ready to work when you need it, not just when environmental conditions are right!

		List Price
GTS-102N 2" Accuracy	710011141	<b>\$4,500</b>
GTS-105N 5" Accuracy	710011111	<b>\$3,995</b>

Specifications	GTS-100N
<b>Accuracy</b>	±(2mm + 2ppm x D)m.s.e.
<b>Magnification</b>	30x
<b>Minimum Focusing Distance</b>	4.27 ft. (1.3m)
<b>Resolving Power</b>	3"
<b>Minimum Reading</b>	5"/1" (1mgon/0.2mgon) reading
<b>Measuring Time</b>	Less than 0.3 seconds
<b>Tilt Sensor</b>	Single Axis
<b>Power Supply</b>	4AA batteries
<b>Dust / Water Protection</b>	IP54
<b>Operating Time</b>	Angle & Distance Measurement: 9h; Angle Measurement Only: 40h
<b>Operating Temperature</b>	-4°F ~ 122°F (-20°C ~ +50°C)
<b>Warranty</b>	2 Years

# Taurus

## General Construction Laser Level



- **Fast Set Up, Easy-to-Use**
- **Automatic Self-leveling**
- **Full-featured Laser Receiver**
- **Large Working Area**
- **Construction Tough Design**

### The Contractor's Laser

The Taurus is the perfect laser for all flat work applications. This self-leveling laser makes every job faster and easier. From checking grades and excavations, to setting forms for concrete, to general building, Taurus makes it easy. With a long 300m working range, you can work almost any site with only one set-up. Best of all, Taurus is simple and reliable to use, with accuracy that is unbeatable. For added protection, if the laser is disturbed, it shuts off and gives an alert so you don't go off-grade.

The full-featured LS-1 laser detector has dual-sided LCD displays and audible signals to quickly guide you to grade. You can select from two on-grade tolerances.

Specifications	TAURUS
<b>Accuracy</b>	2.0mm at 20m
<b>Self-Leveling Range</b>	Horizontal $\pm 5^\circ$
<b>Operating Range</b>	Approx. 4m to 300m with LS-1
<b>Rotation Speed</b>	600 rpm
<b>Laser Source</b>	Laser Diode: 635nm
<b>Laser Power</b>	2.4mW
<b>Laser Class</b>	Laser Safety CDRH(FDA) Class IIIa, JIS 1EC Class 3R
<b>Dust / Water Protection</b>	IP56
<b>Operating Time</b>	Approx. 60 hours
<b>Operating Temperature</b>	-4°F ~ 122°F (-20°C ~ +50°C)
<b>Size</b>	167 x 192.5 x 189mm (6.6" x 7.6" x 7.4")
<b>Weight</b>	2.0kg (4.4 lbs.) with batteries
<b>Warranty</b>	1 Year

TAURUS 313690702 List Price  
**\$650**

# Gemini Series

## Multi-Purpose Lasers



- **High-visibility GreenBeam® or Economical Red Beam**
- **Horizontal, Vertical, Plumb and Match-slope Modes**
- **Automatic Self-leveling**
- **Enhanced Visibility Beam Scanning**
- **Remote Control Operation**

### Multi-Purpose Lasers

Gemini will increase your productivity on all horizontal, vertical or plumb applications, both exterior and interior. Accurate and durable, choose the high-visibility GreenBeam® or the red beam model. Use its beam scanning feature and multi-mode operation for all interior alignment and elevation tasks. Outdoors, the laser receiver and slope-matching feature make it ideal for grade checking and excavating!

### Value Added Features

Change beam rotation from across the room with the included remote control. Features also include self-leveling, rechargeable battery pack, selectable rotation speed, HI "laser disturbed" alert and 90° plumb beam. It's perfect for leveling, alignment, transferring heights, and so much more!

		List Price
GEMINI R	1000188-01	<b>\$995</b>
GEMINI G	1000189-01	<b>\$1,695</b>

Specifications	GEMINI
Accuracy	2.0mm at 20m
Automatic Correction Range	±3°
Operating Range	Approx. 4m to 300m with LS-1
Rotation Speed	600 rpm
Light Source	Laser Diode: 635nm
Laser Output	<5mW
Laser Class	3R (DIN EN60825-1)
Dust / Water Protection	IP54
Operating Time	Gemini R: Appx. 30 hours   Gemini G: Appx. 15 hours
Operating Temperature	-4°F ~ 122°F (-20°C ~ +50°C)
Size	150 x 200 x 190mm (5.9" x 7.9" x 7.5")
Weight	2.1kg (4.63 lbs.) with batteries
Warranty	1 Year

# Leo Series

## Multi-Line Lasers



- **Auto Leveling Plumb Plus Line Lasers**
- **3, 5 and 7-Beam Models**
- **Fast Set Up, Easy-to-Use**
- **Bright Red Beams**
- **Rugged Design**

### The Leo Laser Family

Horizontal, vertical and plumb laser beams in one small instrument: Leo multi-line lasers can do it all for layout and point transfers. Pick from three models: 3, 5 and 7-beam. Rugged, lightweight and compact - Leo lasers maintain an accurate laser reference so you can work with confidence. Auto-leveling and quick-adjust legs make setup fast. Rugged design and 10 hours of operation from 3 AA batteries assure it's ready to go the distance on all of your jobs.

### Great Value and Versatility

Priced to fit every type of budget, these lasers are used by all types of contractors – drywall, HVAC, electrical, GC's – to quickly set perfect corners and transfer points for walls, soffits, ceilings, decks, anything!

		List Price
LEO3	1000185-01	<b>\$350</b>
LEO5	1000186-01	<b>\$495</b>
LEO7	1000187-01	<b>\$695</b>

Specifications	LEO3	LEO5	LEO7
Accuracy	±1mm at 5m or 40"		
Automatic Correction Range	±3°		
Operating Range (Radius)	10m		
Light Source	Laser diode		
Wave Length	635nm: 2V+1H	635nm: 4V+1H	635nm: 4V+3H
Laser Output	10mW		
Safety Standard	Class 2		
Power Supply	3AA batteries		
Operating Time	Approx. 10 hours	Approx. 7 hours	Approx. 8 hours
Size	170 x 115mm (6.7" x 4.5")	170 x 120mm (6.7" x 4.7")	200 x 200mm (7.9" x 7.9")
Weight	1.2kg (.54 lbs.)	1.3kg (.59 lbs.)	1.4kg (.64 lbs.)
Warranty	1 Year		

# Orion+

Digital Automatic Levels



- **Automatic Elevation and Distance Measuring**
- **Large, Easy-to-Read Display**
- **Fast “Point-and-Shoot” Operation**
- **Construction Tough Design**
- **Very Low Cost**

### Maximize Production and Reduce Errors

The Orion+ is a new kind of digital level, perfect for any leveling or elevation job. Using technology typically found on high-precision surveying instruments, its easy “point-and-shoot” electronic design eliminates guesswork and potential errors. By reading the bar code on an elevation rod, Orion+ never makes a mistake. High-accuracy height and distance measurements are displayed on its large, high-contrast LCD panel. Human error is eliminated, improving both productivity and quality on every job!

		List Price
ORION+ 20X	318306101	<b>\$650</b>
ORION+ 24X	318306111	<b>\$750</b>

Specifications	ORION+
Telescope Length	206mm
Magnification	20X, 24X
Resolving Power	4.5"
Field of View	1°20'
Minimum Focus	0.9m (2.9')
Dust / Water Protection	IP55 Category 2
Power Supply	2AA batteries
Operating Temperature	-4°F ~ 122°F (-20°C ~ +50°C)
Operating Time	120 hours
Size	206 x 123 x 137mm (8.1" x 4.8" x 5.4")
Weight	1.8kg (3.97 lbs.) with batteries
Warranty	1 Year



**LS-80A**

Display readout on front and back.

		List Price
LS-80A with holder 6	57140	<b>\$305</b>



**LS-80B**

Display readout on one side only.

		List Price
LS-80B with holder	313520712	<b>\$195</b>



**LS-80G**

Use only with RL-VH4G2.

		List Price
LS-80G	313530702	<b>\$225</b>



**LS-80L**

Display readout on front and back.

		List Price
LS-80L	313540702	<b>\$195</b>



**Aluminum Tripod**  
Light Weight

Aluminum tripods are lightweight and durable with a sling strap for easy hand or shoulder carrying.

		List Price
TP-100	320600101	<b>\$75</b>



**Elevating Tripods**

Robust aluminum top plate with double telescope for a large working range. Built-in bubble for easy set up.

		List Price
Elevating Tripod	60810	<b>\$449</b>



**Aluminum Tripod**  
Heavy Duty Weight

Heavy duty aluminum tripod with a sling strap for easy hand or shoulder carrying.

		List Price
TP-110	320610101	<b>\$95</b>



**E-Z Read Grade Rods**

Fixed scale starting at zero and reads how high or how low you are from your zero starting point.

		List Price
E-Z READ in Inches	57187	<b>\$115</b>
E-Z READ in Metric	57188	<b>\$115</b>
E-Z READ in 10ths	57189	<b>\$115</b>



**Ni-MH Battery for TP-L4**

		List Price
BT-53Q	329490001	<b>\$295</b>



**Alkaline Battery Holder for TP-L4**

		List Price
DB-53	329490011	<b>\$95</b>



**Adjustable Target Kit for TP-L4B**

		List Price
P38 Red	56928	<b>\$75</b>



**Trivet Stand with Adjustable Pole**

		List Price
Trivet Stand	329250000	<b>\$350</b>



**Trivet Handle for TP-L4**

		List Price
Trivet Handle	329360000	<b>\$275</b>



**Charger for TP-L4 or RL-VH4DR**

		List Price
AD-13 (US)	313140002	<b>\$30</b>



**Power Cable for TP-L4**

		List Price
PC-17 DC	329340020	<b>\$165</b>



**Charge Adapter for TP-L4**

		List Price
BA-2 Charger	329380502	<b>\$15</b>



**Remote Control for TP-L4**

		List Price
RC-200	329350002	<b>\$225</b>



**Remote Control for RL-VH4DR**

		List Price
RC-40	313770704	<b>\$175</b>



**Rechargeable Battery for H4C**

		List Price
BT-74Q	313680704	<b>\$180</b>



**Rechargeable Battery Holder for H4C**

		List Price
DB-74C	313680702	<b>\$80</b>



**Sensor Holder 6**

		List Price
Holder 6	312890112	<b>\$60</b>



**Battery Charger H4C**

		List Price
AD-15 (US)	313180002	<b>\$30</b>



**Rechargeable Holder for RL-VH4DR**

		List Price
DB-70C	313770702	<b>\$120</b>



**Red Scanning Card**

		List Price
Scanning Target	313020602	<b>\$32</b>



**Tape Measure**

		List Price
BCX-25 (US)	318356101	<b>\$60</b>



**Blue Scanning Card**

		List Price
Ceiling Target	313400602	<b>\$40</b>



**Rechargeable Battery for RL-VH4DR**

		List Price
BT-63Q	313630013	<b>\$160</b>



**Wall Mount for RL-VH4DR**

		List Price
Wall Mount 1D	313770701	<b>\$125</b>



**Magmount Bracket for LS-B100**

		List Price
Magmount	9090-1601	<b>\$295</b>











[topconpositioning.com](http://topconpositioning.com)

7400 National Drive • Livermore • CA 94550