

Handheld Laser Layout Tools



**One-Person
Measuring,
Leveling,
Squaring, and
Plumb.**

- Easy-to-use
- Accurate
- Reliable

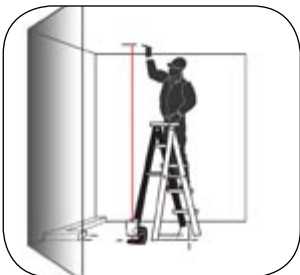
Level, Plumb, Square or Layout

Spectra Precision™ Laser tools are ideal for practically any positioning, measuring or alignment application—including layout; putting in new floors, decks, walls and ceilings; and the installation of fixtures.

Using the Spectra Precision Laser LG2 line generator; LP2, LP3 and LP4 laser pointers; the 1422 horizontal/vertical laser; and the HD150 handheld distance meter, you can quickly and easily perform a range of interior and exterior layout work with just one person. The lasers are extremely accurate, especially when compared to using plumb bobs, string lines, chalk lines, tape measures, etc.

All products have a variety of accessories available such as magnetic and wall mounts, drywall stands and tripod mount adapters. All operate on included alkaline batteries.

For applications where you need fast, accurate and reliable level, plumb, square layout or measurements, use one of these automatic self-leveling laser tools to save you time and increase your accuracy.



Transferring point with LP2



New wall with LP3

Choose the right tool for your needs

Application	LG2	LP2	LP3	LP4	1422	HD150
Squaring and layout of partitions, walls and tile floors	●			●	●	
Plumb reference and point transfers from below to above, such as walls, door frames and lighting locations measured from the floor layout to the ceiling		●	●	●	●	
Level reference used for leveling cabinets, counter tops, windows, decks, ceilings and chair rails			●	●	●	
Simultaneous level and square reference used for raised-access floors, decks, residential foundations, footers and anchor bolt placement				●		
Measuring distances						●
Measuring areas and volumes						●
Measuring depths and heights						●



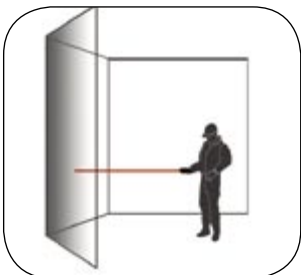
Level and square foundations with the LP4



Layout walls, tile and carpet with LG2



Install ceilings with 1422



Measuring distances and area with the HD150

Rugged and Dependable

LP2

Self-leveling, dual-beam pocket laser for plumb up/down applications

Using the Spectra Precision Laser LP2, one person can accurately transfer a point from the floor to the ceiling up to 30 meters (100 feet) high in just seconds. Ideal for the installation of overhead fixtures and plumbing walls or metal studs, the LP2 is very easy to use.

Simply place it on floor and turn on. A beam will be projected up at a 90-degree angle to the ceiling. LP2 features a self-leveling mechanism which automatically levels the beam before you reach the top step of the ladder. Waiting for a plumb bob to settle is a thing of the past!



LP3

Self-leveling, three-beam pocket laser for plumb up/down and level applications

Designed for one-person use in plumb up/down and level applications, the Spectra Precision Laser LP3 is ideal for a broader range of applications including the installation of new walls and putting in footings as well as the installation of fixtures and truing walls. The LP3 projects three beams up to 30 meters (100 feet). One beam points up while the other beam points down to create a plumb up and plumb down reference. The third beam points out horizontally to create a level reference. LP3 also features a self-leveling mechanism so you can be sure your positioning is accurate.



LP4

Self-leveling, four-beam pocket laser for plumb up/down, level and square applications

The versatile Spectra Precision Laser LP4 is a self-leveling plumb up/down, level and square beam pocket laser. It offers the most versatility of the LP series and is ideal for a range of applications including installation of fixtures, putting in walls and leveling foundations.



The LP4 projects four beams up to 30 meters (100 feet). One beam points up while another points down to create a plumb up and plumb down reference. The other two beams are offset at 90 degrees to each other, pointing out horizontally to create level and square reference points. LP4 also features a self-leveling mechanism so you can be sure your positioning is accurate.

LG2

Simultaneous 90° lines for interior layout and squaring

Increase your layout quality and efficiency with the Spectra Precision Laser LG2 layout tool. Designed as a

general contractor's tool with the layout professional in mind, this simple, easy-to-use tool generates two lines on the floor at a 90-degree angle. Unlike lines drawn from chalk, the LG2 projects over wet mastic or concrete. Precise angles of 90, 45 and 22.5 degrees are easily generated with our built-in protractor. Using the LG2 layout tool, you can increase your layout quality and efficiency.



LG2 is an excellent choice for surface layout, including tile, stone, brick, carpet, hardwood flooring and interior walls.

1422

Manual Leveling Horizontal, Vertical, and Plumb Laser

The 1422 features a visible laser beam and rugged waterproof construction. This versatile tool is useful for many residential or small commercial construction leveling, layout, alignment and ceiling installations.



Use the variable rotation speed or beam scan, along with a camera or construction tripod, to adjust this laser to meet your specific job requirements.

The 1422 can be used with the LY receiver either as a hand held for marking applications, or mounted to a grade rod for elevations.

HD150

Accurate and safe distance measurement to hard-to-reach locations

The HD150 handheld distance meter is an easy-to-use, portable tool that includes a data display screen and a nine-button keypad. Using laser technology, the HD150 allows you to easily and safely measure distance, area and volume, whether indoors or outdoors. Since no physical contact with the distance target is required, it is ideal for one-person measuring to difficult-to-reach or hazardous locations such as those in high places, over obstacles or in elevator shafts or open stairwells.





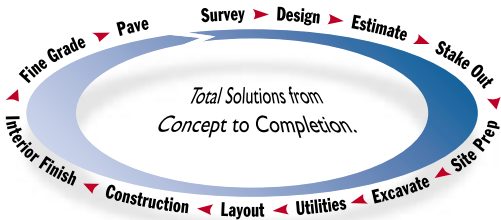
SPECIFICATIONS

	LP2 / LP3 / LP4	LG2	1422	HD150
Size (LxWxH)	111 x 51 x 95 mm (4 3/8 x 2 x 3 3/4 in)	356 x 305 x 203 mm (14 x 12 x 8 in)	140 x 120 x 140 mm (5.5 x 4.75 x 5.5 in)	180 x 45 x 80 mm (7.09 x 1.77 x 3.15 in)
Weight	0.4 kg (0.8 lbs)	1.3 kg (2.87 lbs)	1 kg (2.2 lbs)	0.5 kg (1.2 lbs)
Self-Leveling Range from Level	From +5 to -5 degrees	NA	NA	NA
Leveling Method	Self-leveling	Manual	Manual	NA
Out of level indicator	Beam Blinks	NA	NA	NA
Working Range	16 m (50 ft) nominal up to 30 m (100 ft) depending on light and wind conditions	16 m (50 ft) nominal up to 30 m (100 ft) depending on light and wind conditions	Up to 200 m (660 ft) with receiver and 60 m (200 ft) visually	152 m (500 ft)
Accuracy	6 mm at 20 m (1/4 in at 70 ft) for up beam and level beams (LP3 and LP4 only) 6 mm at 3 m (1/4 in at 10 ft) for down beam	6 mm at 15 m (1/4 in at 50 ft)	± 8 mm at 30 m (± 5/16 in at 100 ft)	± 2 mm (± 1/8 in)
Operating temperature range	-10° - 45°C (14° - 113°F)	0° - 45°C (32° - 113°F)	-5° - 45°C (23° - 113°F)	-10° - 50°C (14° - 122°F)
Battery Type	4 x AA batteries	2 x C batteries	2 x 1.5-V D-cell alkaline batteries	4 x AA batteries
Battery Life	40 hours	30 hours	40 hours	30,000 Readings
Diode	635 nm (LP3, LP4) 650 nm (LP2) Class 2 Laser Diode	635 nm Class 2 Laser Diode	Class 3A (USA only) Class 2	635 nm Class 2 Laser Diode
Contains	Carrying pouch Owner's Manual, 4 AA Alkaline Batteries, 2 Small and 1 Large Alignment Targets	Owner's Manual, 2 C Batteries, and Beam enhancing glasses	Carrying Bag, Magnetic Target, Wall Mount, Laser Glasses, Operating Manual	Carrying pouch Owner's Manual, 4 AA Alkaline Batteries, Laser Target Plate



Spectra Precision Laser

Well known for their innovative features and rugged dependability, Spectra Precision Lasers are used by more construction professionals around the world than any other brand. Spectra Precision Lasers are part of the Trimble family of Concept-to-Completion positioning solutions for construction, machine control and survey, and are supported globally by the strongest service and support network in the industry.



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