

Spectra Precision Laser 1422



Horizontal/Vertical Laser System from Trimble

Indoors or Outdoors, Rain or Shine

The manually leveled Spectra Precision Laser 1422 is an economical solution for all of your horizontal, vertical and plumb application needs. Featuring a visible laser beam and rugged, waterproof construction, the 1422 is ideal for a variety of interior and exterior applications. Day or night, indoors or outdoors, rain or shine, the 1422 provides reliable service and exceptional performance in your demanding jobsite conditions.

Designed for Versatility

Featuring stand-alone, interior and general construction configurations, the 1422 is ideal for residential or small commercial construction. With variable-rotation speed and beam scan along with a wide range of camera-tripod mounts and mount adapter settings, you can adjust this dependable laser to meet the specific requirements of each job.



1422 Applications

- Installing ceiling grids
- Determining sprinkler pipe cutoffs
- Transferring points from floor to ceiling
- Setting window supports
- Checking counter and cupboard elevations
- Setting chair rail elevations
- Laying out walls
- Setting footings, foundations and floors
- Locating finished floor elevations
- Checking sub-base and sub-grade elevations

Additional features include a split-beam prism and two-screw manual horizontal and vertical leveling capabilities. Like all Spectra Precision Lasers, the 1422 is designed to increase the productivity and profitability of contractors and other construction professionals.

1422 Benefits

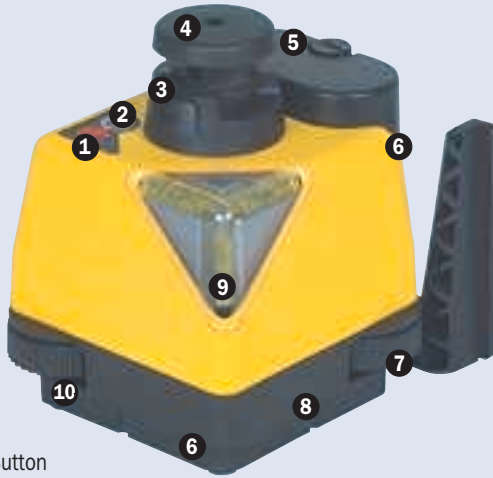
- Easy to use for most layout and leveling applications
- Enables fast point transfer and 90-degree layout
- The scan mode provides a bright line for improved visibility
- Saves time with quick and easy setup
- Can be used with most tripods, or stand alone





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- 1. Power Button
- 2. Rotation/Scan Button
- 3. Scan-Lock Ring
- 4. Rotating Prism
- 5. Battery Housing
- 6. 1/4-20 Tripod Mounts (on back and bottom)
- 7. Leveling Screws
- 8. Point-Transfer Notch
- 9. Level Vials
- 10. Trivet



Wall Mount

Laser Specifications

Leveling Accuracy ^(1,3)	±8 mm per 30 m (±5/16 in per 100 ft)
Rotation Speed	.0, 50, 250, 600 rpm
Operating Range ^(1,2)	Approximately 200 m (660 ft) w/receiver, and 60 m (200 ft) visually
Laser Type	.635 nm visible laser diode, Class IIIa
Laser Power	.125 mW horizontal 0.5 mW vertical
Power Supply	.2 x 1.5-V D-cell alkaline batteries
Battery Life	.40 hours, typical
Operating Temperature	-.5° to 45°C (23° to 113°F)
Storage Temperature	-.20° to 70°C (-4° to 158°F)
Tripod Attachment	.1/4-20 camera-type 5/8-11 adapter included
Weight	.1 kg (2.2 lb) w/batteries
Density	.IP 54

Notes

¹Diameter, at 21°C (70°F)

²under optimum atmospheric conditions

³along the axis

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