

# 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

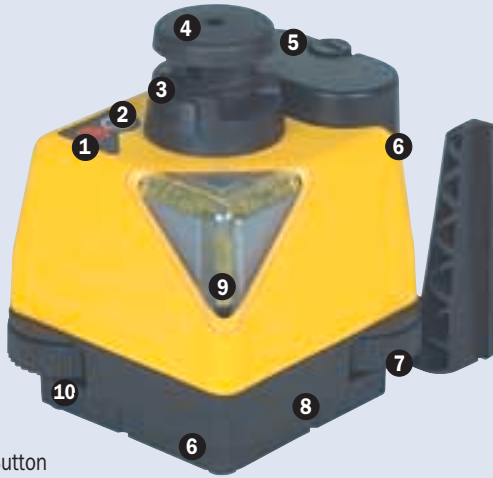
- Easy to use for most layout and leveling applications
- Enables fast point transfer and 90-degree layout
- The scan mode provides a bright line for improved visibility
- Saves time with quick and easy setup
- Can be used with most tripods, or stand alone





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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 <sup>(1,3)</sup>	±8 mm per 30 m (±5/16 in per 100 ft)
Rotation Speed	.0, 50, 250, 600 rpm
Operating Range <sup>(1,2)</sup>	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

<sup>1</sup>Diameter, at 21°C (70°F)

<sup>2</sup>under optimum atmospheric conditions

<sup>3</sup>along the axis

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