

Spectra Precision Laser HV301



New Multipurpose Construction Laser for Interior and Exterior Applications

Maximum Versatility in Interior Construction Applications

The automatic, self-leveling Spectra Precision™ Laser HV301 is an economical laser with exceptional versatility and visibility. It is capable of handling a wide variety of interior applications with a high-visibility beam enabling simultaneous rotating and 90-degree references. It is easy to see in any job site conditions, even brightly lit interiors.

The HV301 Interior package includes the HV301 laser, 360-degree IR remote control, rechargeable batteries and charger, wall mount, ceiling target, operator's manual and hard carrying case. Additional accessories, such as the HR100 receiver, drywall target, or HD150 handheld

distance measuring device, can be added to optimize job site productivity.

The HV301 transmitter sends a continuous, self-leveled 360-degree laser reference over your entire work area. Designed to be used by virtually anyone doing interior applications, the unit is easy to set up and use and is rugged enough for the toughest job site. Intuitive controls allow operators to carry

out many functions with simple "one-touch" commands. Highly durable construction and IP54 sealing enable the HV301 to survive a drop of up to 1 meter (3 feet) onto concrete and to be unaffected by dust or moisture.



HV301 Applications

- Acoustical ceiling installation
- Drywall installation
- Squaring/layout
- Interior finishing work

The HR100 Receiver

The HR100, with its built-in magnet, mounts to grid or track. Its LED display can be easily seen in brightly lit indoor or outdoor applications such as soffit, curtain-wall, or glazing.

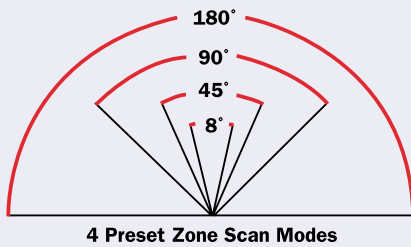
HV301 Benefits

- Beam is easily visible even in brightly lit conditions
- Handles all aligning, plumb and squaring applications
- Split beam enables plumb point transfer and 90-degree layout
- Increases productivity with fast setups, minimal training time, and automatic self-leveling
- Minimizes operating costs and prevents rework
- Durable construction can withstand harsh job site conditions



Spectra Precision Laser HV301-1

Maximum Versatility in Interior Construction Applications



1. Battery recharge port
2. High-visibility beam
3. Easy-to-see positioning notches
4. Intuitive, one-touch operator controls
5. Built-in vertical stand
6. 5/8" x 11" tripod mount
7. Simultaneous 90-degree split beam
8. Scan and pointing modes
9. Five IR sensors for 360° coverage

HV301 Features

- High durability with IP54 sealing
- Automatic compensation for level and plumb
- Highly visible beam
- Flexible power options and battery recharge port
- Intuitive, one-touch operator controls
- Built-in vertical stand and 5/8" X 11" H/V mounting
- Manual slope control to match known references
- Uni-mount feature allows for application setups with no extra accessories

HV301 Laser Specifications

Laser Source	2.5 mW nominal
Laser Accuracy	±20 arc seconds (±3 mm at 30 m) (±1/8 in at 100 ft)
Self-leveling Range	±5 degrees
Compensation Method	Electronic self-leveling
Power source	Ni-Cad, Alkaline
Battery life	30 Hours Ni-Cad, 40 hours Alkaline
Battery Status LED	Flashing red LED
Battery recharging time	Less than 10 hours
Rotation speed	Four preset speeds from 10 to 600 rpm
Out-of-level warning	Rotor stops, laser shuts off, red out-of-level LED flashes
Operating temperature	-5°C to 45°C (23°F to 113°F)
Storage temperature	-20°C to 70°C (-4°F to 158°F)
Warranty	1 year
Water resistant	Yes, and IP54 sealing
Size	24.5L x 16.5W x 18.5H cm (9.6L x 6.5W x 7.3H in)
Weight	2.7 kg (6 lbs)

HR100 Receiver Features

- Enhances performance in tough job site conditions and poor weather with rugged and water-resistant composite housing.
- Visible operation, day or night, in any conditions, with Red HI/LOW LEDs and Green indicating Level or Plumb.
- The versatile Rod Clamp works on most grade rods and permits receiver removal without any screws or fasteners.
- Operates over two weeks on two AA batteries for reduced operating costs and downtime. The captive battery door prevents accidental loss when changing batteries.

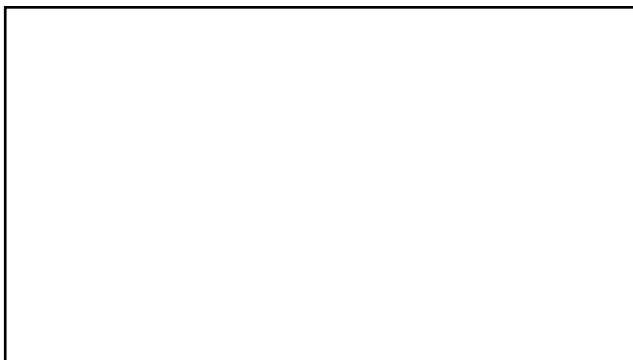
HR100 Receiver Specifications

Drop Capable on Concrete	1.5 m (5 ft)
Operating Range (diameter):	200 m (660 ft)
Number of Display Channels	3
On-grade sensitivities	1
Decibel Level	85
Low Battery Warning	Yes
Auto Shut-off (30 minutes)	Yes
Unit Weight (without clamp)	245 gr (8.6 oz)
Unit Dimensions (DxWxL)	2.8 x 5 x 13.7 cm (1.1 x 2 x 5.4 in)
Warranty	1 year



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