Versatile Automatic Self-Leveling Grade Laser

The Spectra Precision® Laser 1242 transmitter is a cost-effective automatic self-leveling laser that does two jobs—levels and grades. The 1242 transmitter sends a continuous, self-leveled 360-degree laser reference over your entire work area, and with a single-axis grade range of 0.10 to 25 percent, it can be used for a range of slope applications.

Use this versatile laser with a Spectra Precision Laser HR550 receiver at an operating diameter up to 800 meters (2,600 feet), or use it with the CR600 machine-mounted laser receiver for fast and easy machine-control display. The 1242 also has a bright, visible beam that can be stopped and pointed for use as a short-run pipe laser.

The combination of the visible beam with the AccuGuard compensator, SafeGuard service warning and the LaserGuard two-year use-and-abuse warranty make the 1242 the best value in the industry.

CR600 Receiver

Another receiver option is the Spectra Precision Laser CR600. In addition to use as a handheld and rod-mounted receiver, the CR600 can be used as a machine-control mounted receiver with 270-degree reception and a highly visible display for use on a backhoe, small excavator or skid steer. Rugged, accurate and easy to use, the CR600 provides high, low or on-grade information for all your grading and excavation applications.

1242 Benefits

• Fast and easy setup with no manual leveling
• Fast payback due to multiple grade application capability
• Reduced material cost
• Virtually eliminates downtime
• Highly visible beam with variable speed control
• Handles alignment tasks such as pipe installation
• Warranty covers laser for two years, even if it is dropped or knocked over

1242 Applications

• Concrete forms and footers
• Grading and excavating
• Concrete sections with run-off: sports fields, tennis courts, driveways
• Short-run sewer connections
• Ditch banks with grades up to 25%
• Parking garages, ramps, and drainage
**Spectra Precision Laser 1242**

**1242 Specifications: Laser**
- Laser Type/Classification: 635 nm visible, Class IIa
- Compensation Method: Wire-hung, air-damped, AccuGuard™ compensator
- Manual Leveling Method: Two-screw leveling base with electronic leveling LEDs
- Self-Leveling Range: Up to 10% grade
- Horizontal Leveling Accuracy: ±8 arc seconds
- Beam Diameter: 12.5 mm (1/2 in)
- ±1.7 mm per km double run leveling accuracy

**HR550 and CR600 Receiver Specifications**

**CR600 Receiver Specifications**
- Seven On-Grade Sensitivities: Ultra Fine 0.1 mm (0.004 in)
- Super Fine 1.0 mm (1/32 in)
- Fine 1.5 mm (1/16 in)
- Medium 3 mm (1/8 in)
- Coarse 6 mm (1/4 in)
- Machine Coarse 25 mm (1 in)
- Operating Temperature: -20°C to 50°C (-4°F to 122°F)
- Battery Life: 100 hours at normal operation
- Auto Shut-Off: 30 minutes

**HR550 Receiver Specifications**
- Five On-Grade Sensitivities: Ultra Fine 0.1 mm (0.004 in)
- Super Fine 1.0 mm (1/32 in)
- Fine 1.5 mm (1/16 in)
- Medium 3 mm (1/8 in)
- Coarse 6 mm (1/4 in)
- Machine Coarse 25 mm (1 in)
- Operating Temperature: -20°C to 50°C (-4°F to 122°F)
- Battery Life: 100 hours at normal operation
- Auto Shut-Off: 30 minutes

**Battery Life**
- 20°C (68°F): >80 hours
- Ni-Cd: >24 hours

**Automatic Shutoff**
- Shuts off the laser if it is not leveled in automatic mode after 10 minutes
- Tripod Screw: 5/8-11

**Dimensions**
- (T x W x L): 19.0 x 16.0 x 24.1 cm

**Weight**
- 7.9 kg (17.4 lb)

**www.trimble.com/spectra**

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