

TECHNICAL DATA

PLS HV2G SYS, Manual Slope Green Rotary Laser System



Key features

- Accuracy: ≤ 2.2 mm @ 30 m ($\leq 3/32$ in @ 100 ft)
- Laser Axis: Green Horizontal and Vertical
- Working range: ≤ 30 m (100 ft)
- Working range with XLD: ≤ 300 m (1000 ft radius)
- 1-meter drop tested
- IP67 certified protected from dust and immersion in water with a depth of up to 1 m (or 3.3 ft) for up to 30 minutes

Product overview: PLS HV2G SYS, Manual Slope Green Rotary Laser System

The PLS HV2G green beam rotary lasers are designed for the construction job site, offering a rugged ergonomic design and simplified controls. The HV2G emits a laser line in the horizontal or vertical plane. The HV2G rotary lasers also emit a point from the top when placed in the vertical position. The HV2G lasers are ideal for use by general contractors, electricians, plumbers, and landscapers in both interior and exterior applications.

These professional-grade tools offer the accuracy and durability you can expect from PLS, a Fluke Company.

- The HV2G rotary laser level emits a self-leveling horizontal laser plane and can be used in the vertical position to emit a vertical laser plane. Applications include setting foundations and footings, concrete pours, drywall terracing, contour framing and suspended ceiling installation.
- HV2G comes with metal ceiling and wall bracket to help with large suspended ceiling layout and installation
- The kit includes elevating tripod and 16-foot grade rod.

Specifications: PLS HV2G SYS, Manual Slope Green Rotary Laser System

Rotary levels	PLS HV2R	PLS HV2G
Laser	Class II red	Class II green
Laser axis	Horizontal and Vertical	Horizontal and vertical
Accuracy	≤ 2.2 mm @ 30 m (≤ 3/32 in @ 100 ft)	≤ 2.2 mm @ 30 m (≤ 3/32 in @ 100 ft)
Auto-leveling range	± 5-degrees	± 5-degrees
Manual slope range	± 5-degrees	± 5-degrees
Working range		
Without XLD laser detector	≤ 30 m (100 ft)	≤ 30 m (100 ft)
With XLD laser detector	≤ 300 m (1000 ft)	≤ 300 m (1000 ft)
Weight	3 kg (6.6 lb)	3 kg (6.6 lb)
Drop test	1 m	1 m
IP rating	IP67	IP67
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
Battery	4 x D Alkaline or NiMH rechargeable	4 x D Alkaline or NiMH rechargeable
Battery life	> 60 hours	> 60 hours
Accessories	PLS XLD Rotary Laser Detector	
Working range	300m (1000 ft)	
Dimensions	135 mm x 69 mm x 25 mm	
Weight	0.19 kg (0.42 lbs)	
Drop test	1 m	
IP rating	IP67	
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)	
Battery	1 x AA Alkaline	
Battery life	> 50 hours	
Visible spectrum	450 nm – 800 nm	
Accuracy		

Fine	1 mm (0.05 in)
Medium	2 mm (0.1 in)
Coarse	5 mm (0.2 in)

Electromagnetic compatibility (EMC)

International	IEC 61326-1: Basic Electromagnetic Environment CISPR 11: Group 1, Class B Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself. Class B: Equipment is suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purposes. Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object
Korea (KCC)	Class B Equipment (Broadcast communications equipment for home)
USA (FCC)	47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.

Ordering information



PLS HV2G SYS

PLS HV2G Green Rotary Laser System with Detector

Includes:

- PLS HV2G Rotary Laser Level
- PLS BP10 Alkaline Battery Tray with 4x D batteries
- PLS RBP10 NiMH Rechargeable Battery Tray with BC20 Universal Charging Cord
- PLS RC2 Remote Control
- PLS XLD Rotary Laser Detector
- PLS XLD Clamp
- PLS WCB10 Rotary Wall and Ceiling Mount
- PLS GRT4 Green Reflective Target
- Safety Sheet and Quick Reference Guide

PLS HV2G Green Rotary Laser Bare Tool

PLS HV2G Green Rotary Laser Bare Tool

Includes:

- PLS HV2G Rotary Laser Level
- PLS BP10 Alkaline Battery Tray with 4x D batteries
- Safety Sheet and Quick Reference Guide

PLS HV2G Green Rotary Laser Kit

PLS HV2G Green Rotary Laser Kit

Includes:

- PLS HV2G Rotary Laser Level
 - PLS BP10 Alkaline Battery Tray with 4x D batteries
 - PLS RBP10 NiMH Rechargeable Battery Tray with BC20 Universal Charging Cord
 - PLS RC2 Remote Control
 - PLS XLD Rotary Laser Detector
 - PLS XLD Clamp
 - PLS WCB10 Rotary Wall and Ceiling Mount
 - PLS GRT4 Green Reflective Target
 - PLS TPOD500 Elevator Tripod
 - PLS GR16 Grade Rod
 - Safety Sheet and Quick Reference Guide
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