PLS HV2R Combo Kit
Rotary Laser

Accuracy

HV2R is accurate to ≤ 2.2 mm @ 30 m (≤ 3/32 in @ 100 ft) Working range radius up to 1000 ft (300 m)

IP67

IP67 certified protects from dust and immersion in water with a depth of up to 1 m (or 3.3 ft) for up to 30 minutes

1-meter drop tested

3 YEAR Best-in-Class **WARRANTY**

PLS laser levels are backed by a three-year best-in-class warranty, ensuring you don't lose any time on the job. If you experience issues with your PLS tools during the warranty period, except for obvious misuse or damage, your local dealer can provide you a same day replacement tool.

Level. Layout. Build.™

The PLS HV2R rotary laser is designed for the construction job site, offering a rugged ergonomic design and simplified controls. The HV2R model emits a red laser line in the horizontal or vertical position. Applications include setting foundations and footings, concrete pours, drywall terracing, excavations, contour framing and suspended ceiling installation.

This professional grade rotary is now bundled in a case that houses all the required accessories you need for operating the HV2R on the job site.

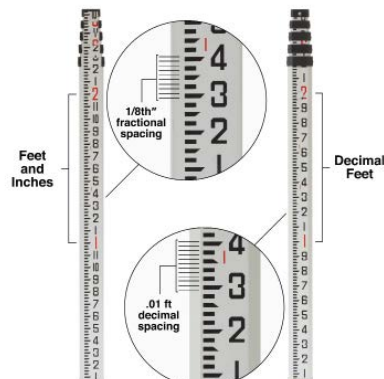## PRODUCT OVERVIEW

All laser level models

- Accurate ≤ 2.2 mm @ 30 m (≤ 3/32 in @ 100 ft)
- IP67
- 1-meter drop tested

PLS HV2R

- The HV2R rotary laser level emits a self-leveling horizontal laser plane and can be used in the vertical position to emit a vertical laser plane.
- The Combo Kit includes rotary, rotary remote, XLD laser detector, detector clamp, Imperial grade rod, TPOD410, alkaline batteries with battery tray, and a rugged carrying case.
- TPOD 410, extends up to 5 feet and has a 5/8"x11 thread.
- Grade rod, 9' 5", 1/8th and 1/10th scale on front and rear side.

PLS, The Professional Standard— Built by contractors for contractors

PLS lasers provide bright, crisp reference points and lines for quick and accurate layout. As the Professional Standard of laser levels, PLS tools were developed out of necessity by professional contractors with over 50 years of experience in commercial and residential interior and exterior layout. Now, as a Fluke Company, PLS incorporated Fluke's high standards for accuracy, ruggedness, and dependability.

Specifications

Rotary levels	PLS H2	PLS HV2R	PLS HV2G
Laser axis	Horizontal only	Horizontal and Vertical	Horizontal and vertical
Accuracy	≤ 2.2 mm @ 30 m (≤ 3/32 in @ 100 ft)		
Auto-leveling range	± 5-degrees		
Manual slope range	± 5-degrees		
Working range			
Without XLD laser detector	≤ 30 m (100 ft)		
With XLD laser detector	≤ 300 m (1000 ft)		
Weight	2.89 kg (6.4 lb)	3 kg (6.6 lb)	3 kg (6.6 lb)
Drop test	1 m		
IP rating	IP67		
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)		
Battery	4 x D Alkaline or NiMH rechargeable		
Battery life	> 60 hours		
Laser	IEC/EN 60825-1:2014 Class 2		
Light source	Semiconductor laser diode		
Max output power	< 1 mW		
Wavelength	635 nm ±10nm	635 nm ±10nm	525 nm ±10nm

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

Part number	SKU	Item description	What's in the box
Rotary levels			
5022470	PLS H2 Z	PLS H2 Red Rotary Laser Bare Tool	PLS H2 Rotary Laser Level, PLS BP10 Alkaline Battery Tray with 4x D batteries, Safety Sheet and Quick Reference Guide
5022481	PLS H2 SYS	PLS H2 Red Rotary Laser System	PLS H2 Rotary Laser Level, PLS BP10 Alkaline Battery Tray with 4x D batteries, PLS RBP10 NiMH Rechargeable Battery Tray with BC20 Universal Charging Cord, PLS XLD Rotary Laser Detector, PLS XLD Clamp, PLS RRT4 Red Reflective Target, Safety Sheet and Quick Reference Guide
5022496	PLS H2 KIT	PLS H2 Red Rotary Laser Kit with Tripod and Grade Rod	PLS H2 Rotary Laser Level, PLS BP10 Alkaline Battery Tray with 4x D batteries, PLS RBP10 NiMH Rechargeable Battery Tray with BC20 Universal Charging Cord, PLS XLD Rotary Laser Detector, PLS XLD Clamp, PLS RRT4 Red Reflective Target, PLS TPOD500 Elevator Tripod, PLS GR16 Grade Rod, Safety Sheet and Quick Reference Guide
5022501	PLS HV2R Z	PLS HV2R Red Rotary Laser Bare Tool	PLS HV2R Rotary Laser Level, PLS BP10 Alkaline Battery Tray with 4x D batteries, Safety Sheet and Quick Reference Guide
5022512	PLS HV2R SYS	PLS HV2R Red Rotary Laser System with Detector Laser Bare Tool	PLS HV2R 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 RRT4 Red Reflective Target, Safety Sheet and Quick Reference Guide
5022558	PLS HV2R KIT	PLS HV2R Red Rotary Laser Kit with Tripod and Grade Rod	PLS HV2R 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 RRT4 Red Reflective Target, PLS TPOD500 Elevator Tripod, PLS GR16 Grade Rod, Safety Sheet and Quick Reference Guide
5022535	PLS HV2G Z	PLS HV2G Green Rotary Laser Bare Tool	PLS HV2G Rotary Laser Level, PLS BP10 Alkaline Battery Tray with 4x D batteries, Safety Sheet and Quick Reference Guide
5022547	PLS HV2G SYS	PLS HV2G Green Rotary Laser System with Detector	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
5022520	PLS HV2G KIT	PLS HV2G Green Rotary Laser Kit	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
5195946	PLS HV2R COMBO KIT	PLS HV2R Combo Kit with Rugged Case	HV2R, Remote, Detector and Clamp, Tripod, Grade Rod in Rugged Case
Accessories			
5022629	PLS RRT4	Red Magnetic Reflective Target	PLS RRT4 Red Reflective Target
5022634	PLS GRT4	Green Magnetic Reflective Target	PLS GRT4 Green Reflective Target
5022564	PLS RC2	Rotary Laser Remote Control	PLS RC2 Rotary Laser Remote Control, battery
5037696	PLS XLD	Rotary Laser Detector with Clamp	PLS XLD Clamp, AA battery, quick reference guide
5037709	PLS XLD CLAMP	Rotary Detector Clamp	PLS XLD Clamp
5022586	PLS C19	Rotary Laser Carrying Case	PLS C19 Rotary Laser Level Carrying Case
5022599	PLS BP10	Rotary Alkaline Battery for H2, HV2	PLS BP10 Rotary Alkaline Battery Tray
5022607	PLS RBP10	Rechargeable Battery for H2, HV2	PLS RBP10 NiMH Rechargeable Battery Pack, PLS BC20 Charging Cord with charging adapters

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