

TECHNICAL DATA

PLS 6R KIT, Cross Line and Point Red Laser Kit



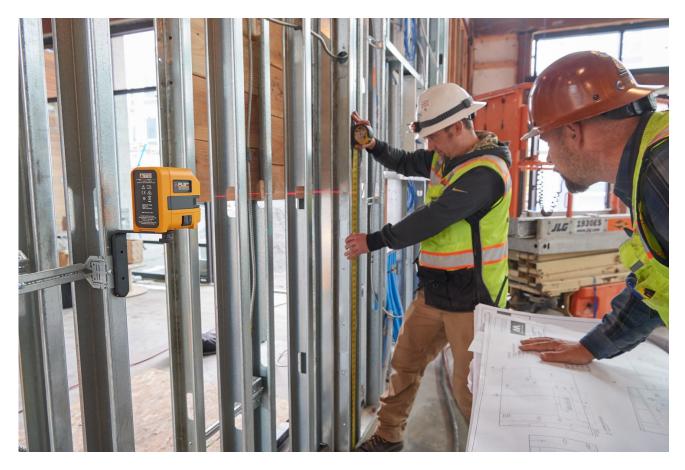












Key features

- Accuracy: 01/8 in at 30 ft. (03 mm @ 10 m)
- Red beam laser
- Point Laser Direction: 90° up, down, left, right
- Horizontal fan angle: 180 °
- Vertical fan angle: 130°
- Durable pendulum lock
- IP54 rating to limit dust and water entry for years of operation on the job site.

Product overview: PLS 6R KIT, Cross Line and Point Red Laser Kit

The new PLS 6R red laser levels offer the durability and precision you expect from PLS, a Fluke Company. We've replaced the PLS 4 red with the PLS 6 and created both a red and green version. The fast settling, self-leveling pendulum gives you accurate point and reference lines almost instantly. Additionally, these products feature a pendulum lock to secure the laser during transport or if dropped.

- Plumb, level, and square with one tool. This professional self- leveling combination point and cross line laser level in red and green includes vertical and horizontal modes with lines and points combined. Great for metal or wood stud installation, general layout, square alignment, or finish carpentry.
- Kit includes floor stand, magnetic L-bracket, and UB9 wall and ceiling bracket for fast, easy overhang and centerline measurements.
- System includes the SLD laser line detector for use in bright lighting, long distances, or outdoors.



Specifications: PLS 6R KIT, Cross Line and Point Red Laser Kit

Rotary levels	PLS 6R, 6G		
Baery	3 x AA Alkaline IEC LR6		
Baery Life, Continuous Use			
Red	🛛 8 hours (both lasers)		
Green	🛛 3 hours (both lasers)		
Point Laser Direction	90° up, down, left, right		
Line Fan Angle			
Horizontal	□ 180°		
Vertical	🛛 130°		
Working Range			
Point Laser (6 only)	ПЗ0 m (100 ft.)		
Line Laser			
Without SLD	015 m (50 ft.)		
With SLD	6 m to 60 m (20 ft. to 200 ft.)		
Accuracy	🛙 🕮 🗇 🗇 🖾 🖾 🖾 🗇 🖾 🗇 🖾 🗇 🖾 🖾 🖾 🗆 🖾 🗆 🗆 🗆 🗆 🗆 🗆 🗆 🗆 🗆 🗆 🗆 🖉		
Laser Leveling			
System	Automatic, Pendulum		
Range	4°		
Line Laser Width	02 mm at 5 m		
Temperature			
Operating	-10 °C to 50 °C (14 °F to 122 °F)		
Storage			
With Baeries	-18 °C to 50 °C (-0.4 °F to 122 °F)		
Without Baeries Relative Humidity	-20 °C to 70 °C (-13 °F to 158 °F) 0 % to 90 % (0 °C to 35 °C) 0 % to 75 % (35 °C to 40 °C) 0 % to 45 % (40 °C to 50 °C)		
Size (H x W x L)	116 mm x 64 mm x 104 mm (4.6 in x 2.5 in x 4.1 in)		
Weight	~ 0.6 kg (1.3 lb.)		
Safety	IEC 61010-1: Pollution Degree 2		
Laser	IEC 60825-1:2014 Class 2		
Light Source	Semiconductor laser diode		
Max Output Power	< 1 mW		
Wavelength			
Red	635 nm ± 5 nm		

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Green		525 nm ± 5 nm
Electromagnetic compatibility (EMC)		
Inteational	Group 1: Equipment has in frequency energy that is ne Class B: Equipment is suita connected to a low voltage purposes.	magnetic Environment CISPR 11: Group 1, Class B ntentionally generated and/or uses conductively-coupled radio ecessary for the inteal function of the equipment itself. able for use in domestic establishments and in establishments directly be power supply network which supplies buildings used for domestic levels required by CISPR 11 can occur when the equipment is
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 6R KIT

Cross Line and Point Red Laser Kit

Includes:

- PLS 6R laser level
- PLS canvas pouch
- PLS BP5 alkaline battery pack
- PLS UB9 Universal Ceiling and Wall Bracket
- PLS FS Floor Stand
- PLS MLB Magnetic L-Bracket
- PLS RRT4 Red Reflective Target
- Safety Sheet and Quick Reference Guide

PLS 6R SYS

Cross Line and Point Red Laser System

Includes:

- PLS 6R laser level
- PLS canvas pouch
- PLS BP5 alkaline battery pack
- PLS SLD-RED Red Laser Line Detector
- PLS 60520 SLD Clamp
- PLS UB9 Universal Ceiling and Wall Bracket
- PLS FS Floor Stand
- PLS MLB Magnetic L-Bracket
- PLS RRT4 Red Reflective Target
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• Safety Sheet and Quick Reference Guide



Fluke. Keeping your world up and running.®

Fluke Corporation PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Australia Unit 26, 7 Anella Ave Castle Hill, NSW 2154 Australia

Phone: 61 2 8850-3333

www.fluke.com.au

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