

## TECHNICAL DATA

# PLS 3 Red and Green

## Point Laser Levels



**A Fluke Brand**



### **RUGGED – 1 METER DROP TESTED**

Rugged design withstands rough handling on the job site.

### **ACCURATE**

Complete jobs faster with high accuracy measurements 6 mm at 30 meters (1/4 inch at 100 feet)

### **EASY TO USE**

Magnetic wall bracket for easy, stable mounting and fast layout.

Simply press one button to power on.

PLS laser levels are now more rugged than ever.

Designed with a new drop sleeve and tested to survive a one meter drop, you can rely on your PLS 3-point laser level every time you reach for it.

These professional-grade tools also provide the precision you expect from PLS. These 3-point laser levels are accurate to 6 mm at 30 meters (1/4 inch at 100 feet). The fast settling, self-leveling gimbal gives you accurate reference points and lines almost instantly: long and tedious point transfer will become a thing of past.

### **Product Overview**

- Rugged case design withstands rough handling on the job site
- Includes magnetic wall bracket for easy, stable mounting
- Includes floor stand for fast, easy overhang and centerline measurements
- Self-leveling 3-point laser level allows for fast, accurate layout of reference points
- Accurate to 6 mm at 30 meters (1/4 inch at 100 feet)
- Green laser is up to 3 times brighter for improved visibility and long range applications (PLS 3G only)





## SPECIFICATIONS

<b>Light source</b>		Semiconductor laser diode
<b>Leveling range</b>		≤6 °
<b>Leveling</b>		Automatic
<b>Working range</b>		≤30 m
<b>Accuracy</b>		≤6 mm @ 30 m (1/4 " @ 100')
<b>Battery life</b>	<b>Batteries</b>	3 x AA Alkaline IEC
	<b>Red</b>	≥30 hours, continuous use
	<b>Green</b>	10 to 12 hours, continuous use
<b>Dimensions (H x W x L)</b>		3.5" x 1.875 x 5.125"
<b>Weight (with batteries)</b>		0.52 kg
<b>Temperature</b>	<b>Operating</b>	-18 °C to +50 °C
	<b>Storage</b>	-40 °C to +70 °C
<b>Relative humidity</b>		With batteries: -20 °C to +50 °C 0 % to 90 % (0 °C to 35 °C) 0 % to 75 % (35 °C to 40 °C) 0 % to 45 % (40 °C to 50 °C)
<b>Altitude Operating</b>		2000 m
<b>Storage</b>		12 000 m
<b>Warranty</b>		3 years
<b>Safety</b>		
<b>General</b>		IEC 61010-1: Pollution Degree 2
<b>Laser</b>		IEC 60825-1: Class 2
<b>Max output power</b>		<5 mW
<b>Wavelength</b>		Red: 635 nm Green: 510 nm



## Electromagnetic Compatibility (EMC)

International IEC 61326-1: Industrial Electromagnetic Environment CISPR 11: Group 1, Class A

**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 A:** Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances.

Korea (KCC) Class A Equipment (Industrial Broadcasting & Communication Equipment)

**Class A:** Equipment meets requirements for industrial electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

USA (FCC) 47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.

### ORDERING INFORMATION:

Part #	SKU	Description
4913997	PLS-60523N	PLS 3 Red Tool
4914007	PLS-60595N	PLS 3 Green Tool

### WHAT'S IN THE BOX?

**PLS 3 Red Tool-** point laser level with drop sleeve, carrying pouch, wall bracket, floor stand, user manual and protective case.

**PLS 3 Green Tool-** point laser level with drop sleeve, carrying pouch, wall bracket, floor stand, user manual and protective case

### Pacific Laser Systems– The Professional Standard

#### Fluke Corporation

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#### Fluke Europe

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#### For more information call:

In the U.S.A 1-800-601-4500

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