

THE EVOLUTION SERIES PLP-700

Automatic Self-levelling Laser

Just by pressing the 'ON' key

PLP-700 Series

PLP-701 / PLP-702

Fast and Reliable



PENTAX

Automatic Self-levelling Laser... Fast and Reliable!



Shock protection

Robust aluminium casing

Shock protection

IPX6: For use under the harshest site conditions

Waterproof and dustproof: the PLP-701/702 are manufactured to IPX6.

The instrument can be used safely under the harshest conditions such as rain or in a damp climate



Applications

The Multipurpose Self-levelling Construction Laser is the best choice for General Construction, Building Site Levelling and for Interior Construction.



Automatic Self-levelling Laser

The new PLP-701/702 Pentax Construction Lasers offer an unequalled performance. With their Quick Automatic Self-levelling mechanism and extreme ease of use, these lasers are the ideal solution for interior and exterior applications.

Benefits

- ❑ High throughput
- ❑ Easy to use
- ❑ Rugged
- ❑ Accurate
- ❑ Fast
- ❑ Can be used with hand-held laser detector
- ❑ Highly competitive price

Make More Profit On The Job

The PLP-700 Series allow extremely fast, reliable levelling of the laser beam. Simply set it up and turn 'ON' for use only seconds later. No circular vial to observe, no levelling screws to operate. The beam is automatically levelled by simply setting the PLP-700 upright.



The PLP-701/702 are very versatile instruments

- ❑ The design of the automatic compensator guarantees extremely quick and high accuracy levelling.
- ❑ The instruments can be used outside in bright conditions using the LS7 detector.



Automatic Self-levelling, just by pressing the **'ON'** key!



LS7 Detector

When sensing the beam emitted from the instrument the LS7 detector indicates the reference level on the display. An audio signal sounds in three different tones, indicating the required direction of the detector movement.

- ❑ **Move the detector down** *the buzzer makes a quick beeping sound.*
- ❑ **This is the reference position** *the buzzer makes a continuous beeping sound.*
- ❑ **Move the detector up** *the buzzer makes a slow beeping sound.*

With the rear display on the LS7 Detector the reference point can be easily read from both the front and the rear of the receiver

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The LS7 features

- 2 step accuracy
- Auto power off
- LCD display illumination
- Battery capacity indicator
- Beam reception display
- 2-Sided display
- Waterproof IPX4

LA6 Rod adapter

This adapter is used to attach the detector onto the staff or plain rod, giving maximum convenience to jobs like concrete work.

Technical specifications

PLP-700 Series	PLP-701/PLP-702
Accuracy of Reference Beam	± 10" (PLP-701) ± 12" (PLP-702)
Measuring Range	Radius 0.5 ~ 200m (PLP-701) Radius 0.5 ~ 120m (PLP-702)
Automatic Self-levelling Range	± 10 % (± 5,7°)
Light Source	Visible Laser Diode 635 nm
Laser Output	Max. 1.0 mW
Laser Class	Class 2 IEC / Class II FDA
Rotation Speed	300 rpm / 600 rpm (can be switched)
Power supply	4 x D-cells
Operating Time	12 Hours
Waterproof construction	IPX 6 (Watertight and Dustproof)
Operating Temperature Range	-20° to + 50° C (-4° to +122° F)
Tripod attaching screw	JIS/B type (5/8" x 11 thread)
Size and Weight	
Dimensions	166W x 166D x 222H mm
Weight	2.5 kg (with batteries)

Detector LS7

Detection Accuracy	HIGH ± 1 mm LOW ± 2.5 mm
Beam reception indicator	Liquid crystal display / buzzer
Sensitivity of vial	30' / 2 mm
Power supply voltage	DC9V battery(6F22 or 6LF22)
Operation time	Approx. 40 hours on alkaline battery (6LF22)
Auto power off	Power supply: Approx. 10 min.
Illumination	Approx. 1 min
Dimensions	68W x 28D x 140H mm
Weight	175 g
2-Sided display	

Standard configuration

- Instrument
- Ni-MH Batteries
- Charger
- LS7 hand-held Laser Detector
- LA6 Rod Adapter
- Operating instructions
- Carrying Case



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