



LASER PLUMMET Nivel System PLV-1A / PLV-1B

- high definition optical system with bigger range visual field
- innovation of plummet technology, horizontal and vertical spindle concentric
- advanced spindle system technology with reliable and stable testing
- humanized design of potentiometer knob
- infinity focus adjusting knob
- laser point function
- water-proof feature
- other specification

■ **High definition optical system with bigger range visual field**

Adapt high definition optical system with imaging more clear. With 0,4M ultra-short visual distance that bring bigger working range for measurement.

■ **Innovation of plummet technology, horizontal and vertical spindle concentric**

We have improved internal structure and optics road, which make the up and down laser point totally coaxial.

■ **Advanced spindle system technology with reliable and stable testing**

Advanced spindle processing technology, which combine with high precision, stability and shock resistance ability.

■ **Humanized design of potentiometer knob**

Combined with the design of brightness adjustable and double power switch, which meets the custom of instrument operator.

■ **Infinity focus adjusting knob**

Original infinity focus adjusting design, not only able to avoid slippage phenomenon, but also could extend service life of knob.

■ **Laser point function**

Able to actualize laser point function by putting handle and instrument body at leveling way.

■ **Water-proof feature**

Professional water-proof design completely prevented by damp, water-proof degree is IP55.

■ **Other specification**

Standard deviation of up vertical view: 1/45000. Laser effective range: ≥120m (day)/≥250m (night). Light power: 5mW.

Technical data PLV-1A / PLV-1B

	PLV-1A	PLV-1B
Standard deviation of up vertical view	1/45000	
Limiting error of downward observation	1/2000	
Precision of plate vial	20"/2mm	
Magnification	25X	
View angle	1°30'	
Objective effective aperture	36 mm	
Shortest viewing distance	0.4 m	
Separate tribrach	YES	NO
Light power	5 mw	
Laser effective range	≥120m (day) ≥250m (night)	
Laser diameter	≤3mm/80m	
Distance range	0 to 5m	
Light power	0.5 mw	
Base and mainbody structure	Integration	
The error between collimation axle and vertical axle	≤5"	
Consistency between laser axle and collimation axle	≤5"	
Swich type	Rotary switch	
Laser target	150*150*3mm	
Power	2pcs No.5 cells or recharged cells	
Working temperature range	-20 C to +50 C	



SET INCLUDES:

Laser plummet	1 pc.
Laser target	1 pc.
Carrying case	1 pc.

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