

PENTAX | Engineering
Auto Level

AL-M Series

AL-M24 | AL-M28 | AL-M32

- + Magnetically damped compensator that supports accurate instrument leveling
- + High resolution telescope for quick and clear target sighting
- + Designed and developed for best performance in various civil engineering and construction projects



TI Asahi Co.,Ltd
Aiming at the future together!

AL-M Auto Level Specifications

Model		AL-M24	AL-M28	AL-M32
Magnification		24 x	28 x	32 x
Length of Tube			218 mm	
Image			Erect	
Objective Aperture		32 mm	36 mm	45 mm
Field of View			1°25'	1°20'
Resolution (JIS Standard)			3.0"	2.5"
Minimum Focus		0.3 m (from the centre of the instrument)		
Focusing Know			2 speed	
Stadia Ratio			100	
Horizontal Circle (Diameter)			103 mm	
Horizontal Circle			1°	
Automatic Compensator				
	Accuracy	0.5"		0.3"
	Range		± 15'	
	Circular Bubble Sensitive		≤ 8/2 mm	
	Sighting Device		Collimator	
Standard Deviation	Standard Deviation*	± 2.0 mm	± 1.5 mm	± 0.7 mm
	(1km double run leveling)**		± 0.4 mm	
	Waterproof Grade		IPX6	
	Size		218 (L) x 132 (W) x 142 (H) mm	
	Weight	1.69 kg	1.70 kg	1.71 kg
	Case Weight		1.12 kg	
Basic Configuration			Instrument	
			Carrying Case	
			Plump Bob	
			Objective Cap	
			Hexagonal Wrench	
			Adjusting Pin	
			Operating Manual	

* Standard deviation measured without the parallel plate micrometer
 ** Standard deviation measured with the parallel plate micrometer

* Designs and specifications are subject to change without notice. - Printed in Belgium - LEAF-AL-M-EN-1806- © PENTAX 2018

PENTAX Engineering Auto Level System is dedicated to providing customers with first class auto level system products and freedom of choice. We have carefully designed high-quality products to meet the needs of today's surveyors based on the experience of many years involved in product design and construction. We are committed to ease of use, a low cost of ownership and flexibility to accommodate different working environments. Our close partners are carefully chosen and are committed to these values as we are.

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