



Angular Spectrometer LASM-A10

DESCRIPTION :

Angular Spectrometer LASM-A10 is a tabletop unit, offers angle measurement accuracy of $1'$ and diopter compensation range of $\geq \pm 5$ diopters. Incorporated with two verniers at the opposite edges, to remove errors induced by the off center errors of the divided circle and thrusting bearing under the divided circle for smooth rotation. Equipped with magnifier with handle, optical parallel plate and planar holographic grating. Built in with adjustable dioptre, moveable telescope's eyepiece and adjustable stage.

FEATURES :

- Highly efficient and safe with complete functions
- Easy to clean, corrosion resistant, stainless steel lining
- Compact and space saving design
- Easy to use, operate and less maintenance
- Built in with fine adjusting knob of telescope, collimator unit and brake mount

APPLICATION :

Angular Spectrometer is widely used for angular measurements based on polarization, diffraction, refraction and interference. It is commonly used in color measurements, concentration determination of chemical components and electromagnetic radiation analysis.

SPECIFICATION :

Model. No	LASM-A10
Angle Measurement Accuracy	1'
Optical Parameter	
Focal Length	170 mm
Effective Aperture	Φ 22 mm
Field of View	3° 22'
Focal Length of Telescope's Eyepiece	24.3 mm
Maximum Length Between Collimator and Telescope	120 mm
Slit Width	0.02 to 2 mm
Diopter Compensation Range	$\geq \pm 5$ diopters
Divided Circle	
Diameter	Φ 178 mm
Circle Graduation	0° to 360°
Division	0.5°
Vernier Reading Value	1'
Stage	
Diameter	Φ 70 mm
Rotating Range	360°
Range of Vertical Adjustment	20 mm
Attachments	
Prism Angle	60° \pm 5'
Transformer	6.3 V / 220 V (3 V A)
Planar Holographic Grating	300/ mm
Dimensions (W×D×H)	251×518×250 mm
Net Weight	11.8 kg