

Spherometer, Brass Single Disc (L.C. 0.01 mm)



MODEL - PH-331/A

MAKE - AK LABS

The AK Labs Brass Single Disc Spherometer is a precision measuring instrument with a least count of 0.01 mm. It is ideal for determining the radius of curvature, thickness, and small height differences in physics laboratory experiments.

PRODUCT SPECIFICATION

Product Type	Brass Single Disc Spherometer
Least Count	1/100 mm (0.01 mm)
Material	High-Quality Brass
Measuring Application	Radius of curvature and thickness measurement
Construction	Precision-machined single disc design
Operation	Smooth screw movement with accurate readings
Suitable For	Schools, Colleges, Universities & Physics Laboratories

PRODUCT DETAILS

The AK Labs Brass Single Disc Spherometer is manufactured using high-quality brass and a rigid three-leg frame for accurate measurements. Featuring a precision screw mechanism with a least count of 0.01 mm (1/100 mm), it is widely used in school, college, and university physics laboratories to measure the radius of curvature of spherical surfaces and small thickness variations.

Key Features

- Precision least count of 0.01 mm (1/100 mm)
- Durable brass circular scale with engraved graduations
- Smooth and accurate fine-thread screw mechanism
- Stable three-leg construction for precise measurements
- Corrosion-resistant brass and metal body
- Easy-to-read circular and vertical scales
- Suitable for repeated laboratory use

Applications

- Measurement of radius of curvature of convex and concave surfaces
- Thickness measurement of thin plates and glass sheets
- Physics laboratory practicals
- School and college science experiments
- Engineering laboratory measurements
- Surface curvature analysis
- Educational demonstrations