

Construct, Conduct & Comprehend Physics Experiments

LEOI-110 Disc Polarimeter



A polarimeter is an instrument to measure the degree of the optical active rotation of a sample, from which the concentration, purity, sugar content, or content of the sample can be determined. It is widely used in sugar refining, pharmaceutical, drug test, food, spices, monosodium glutamate, as well as chemical, oil and other industrial production, scientific research or quality control inspection process.

Specifications

| Measurement Range | -180°~+180° |
|------------------------------|------------------------|
| Division Value | 1° |
| Dial Venire Value in Reading | 0.05° |
| Magnifying Glass | 4 X |
| Monochromatic Light Source | Sodium Lamp: 589.44 nm |
| Length of Test Tube | 100 mm and 200 mm |
| Power Supply | 220 V/110 V |
| Dimensions | 560×210×375 mm |
| Gross Weight | 5 kg |

Visual aiming

Manual measurement

Easy-to-use

Cost effective

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Note: above product information is subject to change without notice.