

Polarimeter POLAX-2L


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Polarimeter, which is known as an optical rotation meter, is an instrument to measure optical rotation of "optically active matter" such as saccharin, ascorbic acid and sodium glutamate.

Specifications

Model	POLAX-2L
Cat.No.	5223
Range	Angle of rotation : -179.95° to +180.00° International sugar scale : -130.0°Z to +130.0°Z
Resolution	Angle of rotation : 0.05° International sugar scale : 0.1°Z
Accuracy	Angle of rotation : ±0.10° International sugar scale : 0.3°Z
Temperature compensation	5 to 40°C
Measurement Wavelength	589nm (equivalent to the sodium-D line spectrum)
Dimensions & Weight	43×22×30cm, 10.3kg (Main Unit only)
Included Accessories	Observation tubes : 100mm tube and 200mm tube / each

Options

- Quartz control plate 34°(100°Z) : RE-72045
- Quartz control plate 17°(50°Z) : RE-72044
- Quartz control plate 8°(25°Z) : RE-72043
- Quartz Control Plate -34° (-100°Z) : RE-72050
- Quartz Control Plate -17° (-50°Z) : RE-72049
- Quartz Control Plate -8° (-25°Z) : RE-72048
- * Calibration Certificate : Contact an ATAGO representative for details.

Purchase a quartz plate and a polarimeter as a set and receive a discount (for details, please contact the ATAGO sales department).

Parts

- Observation tube 50mm long OT-50(P) 2.5mL : RE-6722
- Observation tube 100mm long OT-100 (P) 5mL : RE-6720
- Observation tube 200mm long OT-200 (P) 10mL : RE-6721
- Small volume tube 100mm long (OT-100M) : RE-6708
- Deck glass : RE-6712
- Rubber packing for observation tube : RE-78020
- Rubber packing for small volume tube : RE-6715
- Ring nut for small volume tube : RE-6717
- Midget fuse (1A) : RE-5784
- Ring nut for observation tube : RE-72057