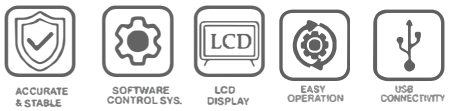
KLABS KPOL-740 Digital Automatic Polarimeter (Educational Model)

Product Description

KLABS KPOL-740 Digital Automatic Polarimeter is a microprocessor-based instrument designed for accurate optical rotation measurements in educational, pharmaceutical, chemical and research laboratories. The system features graphical LCD display, USB connectivity, internal memory storage and user-friendly menu-driven operation for reliable routine analysis.

Features

- Microprocessor Based Operation
- User Friendly Menu Driven Software
- 128 × 64 Graphical LCD Display
- Two Point Calibration Facility
- USB Interface for PC Connectivity
- Internal Data Storage Capacity
- Real Time Clock with Date & Time Display
- Storage of Measurement Logs
- Compact Bench-Top Design
- Accurate and Stable Performance



Application/Uses

- Educational Laboratories
- Pharmaceutical Analysis
- Sugar Industry Testing
- Chemical Laboratories
- Research & Development Centers
- Quality Control Laboratories
- Optical Rotation Measurement
- Academic Institutions

Technical Specifications

Parameter	Details
Product Name	Digital Automatic Polarimeter
Model Number	KPOL-740
Measuring Range	±200° Sugar Scale, ±70° Optical Rotation
Accuracy	±1° Full Scale
Resolution	0.01°
Display	128 × 64 Graphical LCD
Keyboard	4 Keys for Menu Operation
Calibration Mode	2 Point (Zero & Span)
Interface	USB
RTC	Inbuilt Clock with Date & Time Display
Data Storage Capacity	1000 Logs with Date & Time
Power Supply	230V AC ±10%, 50 Hz
Dimensions	500 × 320 × 250 mm (Approx.)
Weight	15 kg (Approx.)

Standard Accessories

- Sample Tubes (100 mm & 200 mm)
- Software
- USB Cable
- Mains Lead
- Instruction Manual