



KLABS Digital Fully Automatic Colorimeter



Digital Wavelength and Inbuilt Battery

Product Description

KLABS KDAC-400 Digital Fully Automatic Colorimeter is a microcontroller-based analytical instrument designed for accurate colorimetric analysis. The instrument features 9 digital filters, dual digital display, rechargeable battery backup and silicon photodiode detector for reliable laboratory measurements.

Features

- Double Display
- 9 Digital Filters
- Compact Design
- Inbuilt Rechargeable Battery
- Highly Accurate and Stable
- Long Life Silicon Photodiode
- Microcontroller Based Operation
- Dual Digital Display

Application/Uses

- Water & Wastewater Analysis
- Educational Laboratories
- Research Laboratories
- Environmental Monitoring
- Industrial Quality Control
- Chemical Testing Laboratories
- Food & Beverage Testing

Standard Accessories

- Test Tubes (Set of 6)
- Test Tube Stand
- Dust Cover
- Instruction Manual



LED DISPLAY



BOROSILICATE GLASS TEST TUBE



ACCURATE & STABLE



COMPACT DESIGN



EASY OPERATION

Technical Specifications

Technical	Specification
Product Name	KLABS KDAC-400 Digital Fully Automatic Colorimeter
Model Number	KDAC-400
Range	400-700 nm
Display	Dual Digital Display
Filters	Built-in 9 Digital Filters (>30000 Hours Life)
Filters Wavelength	400nm, 430nm, 500nm, 520nm, 540nm, 580nm, 600nm, 620nm, 680nm
Display Mode	Absorbance & Wavelength
Detector	Silicon Photo Diode
Zero Adjustment	Auto Zero by Microprocessor
Accuracy	±0.01 O.D.
Stability	±0.02 O.D. Per Hour
Light Source	Highly Accurate Light Source
Amplifier	Micro Controller Based
Volume	1 ml Minimum
Dimension	L 210 × B 160 × H 80 mm (Approx.)
Weight	1.5 Kgs (Approx.)
Power	230V ±10% AC, 50 Hz
Battery Backup	6V Ni-Cd Re-chargeable Battery