



KLABS Digital Photo Fluorometer



Product Description

KLABS KDPF-350 Digital Photo Fluorometer is a precision laboratory instrument designed for sensitive fluorescence analysis and concentration determination of fluorophores and quinine. The instrument features LED display, adjustable sensitivity ranges, and high sensitivity photodiode detection for accurate and reliable measurements.

Product Features

- 3 Digit Seven Segment LED Display
- Covers Entire Visible Range
- Determines the Concentration of Fluorophores & Quinine
- Adjustable Sensitivity in 4 Ranges
- High Sensitivity Wide Range Photodiode / Photocell
- Compact and Laboratory Friendly Design

Applications & Uses

- Research Laboratories
- Pharmaceutical Industries
- Educational & Academic Institutes
- Environmental Testing Laboratories
- Water Quality Analysis
- Biochemical & Fluorescence Studies
- Quinine Estimation Applications
- Concentration Determination of Fluorophores
- Routine Laboratory Testing
- Analytical Chemistry Applications



KDPF-350



LED DISPLAY



ACCURATE & STABLE



STABLE DESIGN



24 HOURS WORKING



EASY OPERATION

Accessories

- Test Tubes
- Dust Cover
- Instruction Manual
- Primary and Secondary Filters (Set of 5)

Technical Specifications

Parameter	Specification
Product Name	KLABS KDPF-350 Digital Photo Fluorometer
Model Number	KDPF-350
Fluoro Sensitivity	Full scale deflection obtained with 1 ppm quinine sulphate in 0.1 N sulphuric acid (primary wavelength 360 nm)
Display	3 digit 7 segment Red LED
Excitation Source	12V, 50W Tungsten Halogen lamp
Sensitivity Range	Adjustable in 4 ranges
Primary Filters	Corning 5840 and Corning 5113 mounted on holders
Secondary Filters	Corning 4308, Corning 3486 and Corning 3385 mounted on holders
Detector	Highly sensitive wide range Photodiode / Photocell
Sample Test Tubes	15 mm (l) × 80 mm (H)
Minimum Sample	4 ml
Power	230 V ± 10% AC, 50 Hz
Weight	4.5 kg (approximately)
Dimensions	260 × 335 × 160 mm (LxB×H)