



KLABS Digital Flame Photometer Double Display



Product Description

KLABS KDFP-100 Digital Flame Photometer is a precision analytical instrument designed for rapid and accurate determination of alkali and alkaline earth metals in laboratory samples. The system features dual bright LED displays, stainless steel round burner assembly, concentric non-corrosive nebulizer, and stable flame operation for reliable laboratory performance.

Features

- Dual Channel Measurement System
- Stainless steel round burner
- Concentric Non-Corrosive nebulizer
- Narrow Band interface Filters
- Dual 2½ digit red LED display
- Highly Stable & Accurate

Applications & Uses

- Water Testing Laboratories
- Pharmaceutical Industries
- Agricultural Laboratories
- Soil Analysis Applications
- Chemical Industries
- Educational & Academic Institutes
- Food Testing Laboratories
- Clinical Laboratories
- Environmental Testing Laboratories
- Potassium & Sodium Analysis
- Lithium & Calcium Estimation
- Routine Laboratory Testing



ACCURATE
& STABLE



STABLE
FLAME



LOW NOISE
COMPRESSOR



EASY
OPERATION

Accessories

- Air Compressor
- Chimney
- Air and gas tubing
- Main Lead
- Sample Beakers 5 Nos
- Aspiration tube 5 Nos
- Dust cover
- Instruction manual

Technical Specifications

Parameter	Specification
Product Name	KLABS Digital Flame Photometer
Model Number	KDFP-100
Display	Dual 2½ digit bright red LED displays
Accuracy	± 2% up to 100 meq, ± 2% up to 40 ppm ± 5% above 100 meq, ±5% above 40 ppm
Ignition System	In-built electronic ignition by press of a knob
Dimensions	375 X 245 X 220 mm (Approx.)
Weight	8 Kg. (Approx.)
Measurement Systems	simultaneous measurement of 2 elements on dual LED display
Repeatability	± 2 Counts
Detector	Silicon Photodiode
Filters	Narrow band interference glass filters (Na, K Filters are Supplied, Ca & Li filters are optional at extra cost)
Atomizer	Block burner, axial flow type
Flame System	LPG and dry oil free air
Warm Up Time	10 minutes
Compressor Unit	Supplied along with the instrument
Gas control	Adjustable with knob
Flame system	LPG and dry Oil free air
Dimension	365x245x220mm (approx)
Weight	8kg
Power	230V ±10% AC, 50Hz