

CE KLABS KMFP-672 Flame Photometer with Inbuilt Printer



Product Description

KLABS KMFP-672 Flame Photometer with Inbuilt Printer is a high performance microprocessor based analytical instrument designed for precise measurement of alkali and alkaline earth metals. The instrument is equipped with graphical LCD display, automatic gas safety system, inbuilt printer support and USB connectivity for reliable laboratory performance.

Features

- Auto Gas Cutoff Facility
- Auto Flame Failure Detection Facility
- Inbuilt Thermal Printer
- μ P Based With Printer Interface
- Five Element Measurement In Single Aspiration of the Sample
- Curve Calibration Programmability using Maximum of 25 Standards
- Data Processing Through Curve Fitting Techniques - Least Squares, Quadratic
- Multiple Calibration Curves Saving Facility
- Samples Data Storage Facility
- Online Help Key
- Printer Attachment Facility
- Measurement in ppm & meq
- Useful For Both Medical & Soil Testing Applications
- Setup Storage Facility up to 10 setups files
- Supplied with Compressor Unit



LCD
DISPLAY



STABLE
FLAME



SOFTWARE
CONTROL SYS.



LOW NOISE
COMPRESSOR



USB
CONNECTIVITY

Technical Specifications

Technical	Specification
Product Name	KLABS Flame Photometer with Inbuilt Printer
Model Number	KLABS KMFP-672
Sensitivity	General Mode : Na: 0.5 ppm, K: 0.5 ppm, Li: 0.5 ppm, Ca:15 ppm Ba: 30ppm
Filters	Na & K Supplied (Ca, Li & Ba are optional extra cost) optional filter are factory fitted only.
Resolution	0.1 ppm / 0.1 meq.
Reproducibility	< 1% coefficient of variation for 20 consecutive samples using 10 ppm Na set as Maximum Standard up to 3% CV for 20 consecutive samples of Concentrations between 50 to 199 ppm for Barium.
Linearity	< 2% error when 3 ppm Na/K and 5 ppm Li are set as Maximum Std.
Curve Fit Accuracy	± 2% of FS
Display	128 x 64 Graphical LCD
Average Time	In-built in Software
Flame System	LPG & Dry Oil Free Air
Detector	Photodiode
Calibration	with up to 25 Standards of user choice with curve fitting software (5 for each Element). Multiple Calibration Curves can be stored in the memory
Gas Control	Adjustable with knob
Flame Failure	Auto Detection
Gas Cut off	Automatic
Ignition System	Auto Ignition
Atomiser	Axial Flow Type
Dimensions	Instrument : 365 x 245 x 220 mm Approx. (LxBxH)
Printer	Provision for attachment of Dot-Matrix Printer with centronics parallel interface
PC Interface	USB
Power Supply	230V ±10% at 50Hz
Weight	Main Unit : 8 Kg. (Approx.)
Dimension	365x245x220mm (approx)

Accessories

Accessories	Quantity
Na & K	1 No each (INBUILT)
Chimney	1 Nos
Sample beaker	5 Nos
Aspirator tube	5 Nos
Capillary tubes	5 Nos
USB cable	1 Nos
Mains lead	1 Nos
Operation manual	1 Nos