



Flame Photometer FM-FPM-A101

Overview

Flame Photometer FM-FPM-A101 is designed to accurately detect key elements such as Potassium, Sodium, Lithium, and Calcium. It offers different test ranges for K, Na, Li, and Ca, making it suitable for a wide range of analytical applications. It uses LPG gas as the fuel source, providing stable flame performance for accurate and consistent elemental analysis. Our photometer features a user-friendly 7-inch color touch LCD screen that ensures clear and intuitive operation.

Specifications :

Test Elements	K / Na / Li / Ca
Test Range (ppm)	K: 0.15 to 100Na: 0.18 to 100Li: 0.1 to 30Ca: 0.1 to 1000
LOD (ppm)	K: d0.156Na: d0.184Li: d0.1035Ca: d2
Linear Error (ppm)	K: d0.195Na: d0.69Li: d0.1449Ca: d3
Channel Quantity	4
Response Time	8s
Sample Uptake	Less than 3ml/min
Stability	Less than 3% (15s), d15% (6min)
Reproducibility	Less than 2%
Air Compressor	External
Printer	Optional built-in thermal printer
Communication (Com)	USB
Fuel	LPG
Power	AC220V-10%, 50Hz-1Hz, 30W
Dimension	570 x530 x400 mm
Weight	18kg

Features :

- Push-button ignition
- Automatic correlation coefficient calculation
- Adjustable gas flow with direct reading
- Accidental flameout protection
- PC connectivity for data analysis
- Multi-language support
- Professional data processing software

Applications :

Flame Photometer FM-FPM-A101 is used to measure the concentration of alkali and alkaline metals in a sample and is widely used in clinical laboratories, agriculture, food industry, environmental monitoring, pharmaceuticals, and research.

Accessories :

Accessory	Quantity
LPG reducing valve	1pc
Stainless steel bellows for LPG	1pc
Silica gel tubing for waste liquid	1pc
PU tubing for air	1pc
Air compressor	1pc