

Flame photometer LZ-FLP-A101

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Overview

Flame photometer LZ-FLP-A101 is composed of a flame system, photodetector, and control system which offers a reliable and accurate solution for determining the concentrations of metals. It is calibrated to detect and measure concentrations of specific elements like K, Na, Li, Ca and Ba in test samples. It is equipped with safety features to detect flame failures which ensures instrument stability and prevents data inaccuracies. The 7-inch touchscreen displays concentrations and correlation coefficients.

Specifications :

Testing Elements	K, Na, Li, Ca, Ba
No Of Channels	5

Display	7-inch colour touchscreen	
Display Value	Concentration value	
Response Time	<8s	
Sample Uptake	< 6 ml/min	
Data Range	0.000 to 999.9	
Interface	USB	
Range		
	K	0 to 100 ppm
	Na	0 to 160 ppm
	Li	0 to 100 ppm
	Ca	0 to 1000 ppm
	Ba	0 to 3000 ppm
LOD		
	K	0.01ppm
	Na	0.01ppm
	Li	0.1ppm
	Ca	2 ppm
	Ba	6 ppm
Linear Error		
	K	0.195
	Na	0.69
	Li	0.15
	Ca	3
	Ba	9

Stability	<3% drift over 15s
Reproducibility	3% coefficient for 7 samples
Fuel	LPG
Power Consumption	250 W
Power Supply	AC 220 V \pm 22 V 50 Hz \pm 1 Hz
Dimensions	780 × 560 × 390 mm
Weight	18kg

Features :

1. Easy to operate
2. Enables the prior selection of flame sizes
3. Incorporated with an air compressor that supports stable flames
4. Provides selection of different concentration units
5. Allows selection from different concentration units
6. USB interface for transferring and storing data



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