

# Digital Flame Photometer



## Main Features:

- USB Interface
- LPG as burning gas
- Direct concentration read-out
- Measuring range adjustable
- 7-inch LCD touch screen
- Automatic Calculation of correlation coefficient
- Pre-selection of flame sizes
- Flameout protection device

## Application:

Flame Photometer is an analytical instrument based on emission spectrum principle, using the thermal energy of flame to make the certain element motivate luminescence to analyze the content of certain element in the material, widely used in the analysis and determination of Agricultural, Fertilizer, Soil, Cement, Ceramics and Silicate industry and Pathological studies of Health care etc.

## Technical Specifications:

Model		QC-FP7450
Sensitivity (LOD)	K	0.01 ppm
	Na	0.01 ppm
	Li	0.1ppm
	Ca	2ppm
	Ba	6ppm
Range	K	0~100ppm
	Na	0~160ppm
	Li	0~100ppm
	Ca	0~1000ppm
	Ba	0-3000ppm
Linearity Error	K	<0.195ppm
	Na	<0.69ppm
	Li	≤0.15ppm
	Ca	≤3ppm
	Ba	≤9ppm
Reproducibility		3%CV for 7 consecutive samples
Response Time		<8s
Sample Uptake		<6ml/min
Ambient Temp		10°C~35°C
Humidity		≤85%
Power Supply		AC110/220V±10%, 60/50HZ
Consumption		250W
Standard Accessory		Air compressor
Package Size		570*560*400mm
Gross weight		18kg
Certificate		ISO & CE Certificate