

FP6450/FP6440/FP6431/FP6430/FP6410/FP640

Multi-element Flame Photometer

Features

1. Push-button ignition, easy to operate. 7 inch color LCD capacitive screen, intuitive reading.
2. Elements concentration reading function, automatic correlation coefficient calculation function (not include FP640).
3. 20 sets of standard curves and 20 sets of test data can be stored. Use LPG as gas.
4. Gas flow is adjustable in direct reading. Gas leakage alarm, automatic gas cut-off function.
5. Accidental flameout, automatic shutdown protection. Multiple language support.
6. With USB communication port, can be directly connected to the computer, convenient data analysis.
7. Optional built-in printer and professional data processing software.
8. Detection range screen switching function (according to specific model).



Specifications

Model	FP6450	FP6440	FP6431	FP6430	FP6410	FP640
Test element	K/Na/Li/Ca/Ba	K/Na/Li/Ca	K/Na/Ca	K/Na/Li	K/Na	K/Na
Channel Qty.	5	4	3		2	
LOD (ppm)	K	≤0.156				
	Na	≤0.184				
	Li	≤0.1035	-	≤0.1035	-	-
	Ca	≤2	-	-	-	-
	Ba	≤6.028	-	-	-	-
Linear error (ppm)	K	≤0.195				
	Na	≤0.69				
	Li	≤0.1449	-	≤0.1449	-	-
	Ca	≤3	-	-	-	-
	Ba	≤9.402	-	-	-	-
Test range (ppm)	K	0.15-100				
	Na	0.18-100				
	Li	0.1-30	-	0.1-30	-	-
	Ca	0.1-1000	-	-	-	-
	Ba	0.1-300	-	-	-	-
Response time	8s					
Sample uptake	<3ml/min					
Stability	≤3% (15s), ≤15% (6min)					
Reproducibility	≤2%					
Air compressor	Built-in					
Printer	Optional built-in thermal printer				-	-
Com	USB				-	-
Fuel	LPG					
Power	AC220V±10%, 50Hz±1Hz, 30W					
Package	570x530x400mm 0.12M ³ 18kg					

Standard Accessories

- 1.LPG reducing Valve 1pc
- 2.Stainless steel bellows for LPG 1pc
- 3.Silica gel tubing for waste liquid 1pc
- 4.PU tubing for air 1pc

Optional Accessories



Atomizer
\$250



Built-in Thermal printer
\$150



Software
\$220