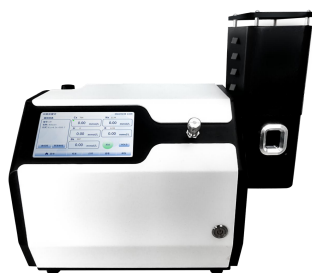


# Flame Photometer



## Features:

- 7-inch color touch screen
- Direct reading of concentration
- Flameout protection device
- Automatic calculation of correlation coefficients

## Specifications:

Model	FP6450	FP6440	FP6432	FP6431	FP6430	FP6410	FP6400
Display	7-inch color touch screen						
Display Results	Concentration value/Energy						
Reading Range	0.000~999.9/0~65535						
Testable	K, Na, Li, Ca, Ba	K, Na, Li, Ca	K, Na, Ba	K, Na, Ca	K, Na, Li	K, Na	K, Na
Channel Qty	5	4	3	3	3	2	2
Range ppm	K	0-100	0-100	0-100	0-100	0-100	0-100
	Na	0-160	0-160	0-160	0-160	0-160	0-160
	Li	0-100	0-100	—	—	0-100	—
	Ca	0-1000	0-1000	—	0-1000	—	—
	Ba	0-3000	—	0-3000	—	—	—
Detection Limit ppm	K	0.01	0.01	0.01	0.01	0.01	0.01
	Na	0.01	0.01	0.01	0.01	0.01	0.01
	Li	0.1	≤0.015	—	—	≤0.015	—
	Ca	2	2	—	2	—	—
	Ba	6	—	6	—	—	—
Linear Error	K	0.195	0.195	0.195	0.195	0.195	0.195
	Na	0.69	0.69	0.69	0.69	0.69	0.69
	Li	0.15	0.15	—	—	0.15	—
	Ca	3	3	—	3	—	—
	Ba	9	—	9	—	—	—
Response Time	<8S						
Sample Uptake	<6ml/min						
Stability	<3% drift over 15s when continuous sampling						
Reproducibility	<3% coefficient of variation for 7 consecutive samples						
Bluetooth Printer	Yes	Yes	Yes	Yes	Yes	Yes	No
Output	USB port						
Power	AC 220V/50Hz or AC 110V/60Hz						