

UV/VIS Spectrophotometer Accessories

			
1cm standard single slot cuvette holder	Long optical path cuvette holder	Cuvette	Micro cuvette
			
Test tube type absorber rack	Solid sample holder	Deuterium lamp	Tungsten lamp
			
Quadruple cuvette holder	Printer	Four-slot water bath type constant temperature absorption pool	Reflection accessories
			
8 racks	X-Y Adjustable Micro Absorption Pool	Single bath type constant temperature absorption pool	Program-controlled thermostatic absorption pool seat

Flame Spectrophotometer

Application:

It is an analytical instrument based on the principle of emission spectroscopy. It uses the thermal energy of flame to excite a certain element to emit light to analyze the content of a certain element in a substance. It is widely used in the analysis and determination of agricultural fertilizers, soil, cement, ceramics and silicate industries, as well as pathological research in medical care.

Features:

- * One-touch ignition, easy operation. 7-inch color touch LCD capacitive screen, intuitive reading.
- * Element concentration reading function, automatic correlation coefficient calculation function (excluding BK-FP640).
- * Can store 20 sets of standard curves and 20 sets of test data. Use LPG as gas.
- * Direct reading of gas flow is adjustable. Gas leak alarm, automatic gas cut-off function.
- * Accidental flameout, automatic shutdown protection. Multiple language support.
- * With USB communication port, can be directly connected to the computer for convenient data analysis.
- * Optional built-in printer and professional data processing software.
- * Detection range screen switching function (depending on the specific model).



Technical Parameters:

Model	BK-FP6450	BK-FP6440	BK-FP6431	BK-FP6430	BK-FP6410	BK-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	2	2
LOD (ppm)	K: ≤ 0.156 Na: ≤ 0.184 Li: ≤ 0.1035 Ca: ≤ 2 Ba: ≤ 0.028 K: ≤ 0.195		/	≤ 0.1035	/	/
Linear Error (ppm)	Na: ≤ 0.69 Li: ≤ 0.1449 Ca: ≤ 3 Ba: ≤ 9.402		/	≤ 0.1449	/	/
Test Range (ppm)	K: 0.15-100 Na: 0.18-100 Li: 0.1-30 Ca: 0.1-1000 Ba: 0.1-300		/	0.1-30	/	/
Response time	8s					
Sample uptake	<3ml/min					
Stability	$\leq 3\%$ (15s), $\leq 15\%$ (6min)					
Reproducibility	$\leq 2\%$					
Air Compressor	External					
Printer	Optional built-in thermal printer					/
Com	USB					/
Fuel	LPG					
Standard Accessories	LPG reducing Valve, Stainless steel bellows for LPG, Silica gel tubing for waste liquid, PU tubing for air, Air Compressor					
Optional Accessories	FP Atomizer, Built-in Thermal printer, Software					
Power	AC 110/220V, 50/60Hz					
Package Size(W*D*H)	570*530*400mm					
Gross Weight	18kg					