BioLAB

PRODUCT CATALOG

FLAME PHOTOMETER BHK1C1 (BLFP-502)

CE ISO9001 CERTIFIED

FLAME PHOTOMETER BHK1C1

FLAME PHOTOMETER

Flame Photometer is a simple quantitative analytical test based on flame analysis. It is based on the principle of measurement of the emitted light intensity of a metal due to the thermal energy provided by the flame source. The wavelength and the colour of the flame gives details about the element present in the sample, whereas the wavelength of emitted light is specific for specific elements. By direct absorption techniques, the absorbance of light due to the electrons excitation can be measured while the emitting radiation intensity is measured using the emission techniques.

A lot of new technology and new materials are adopted. Features such as LCD display, menu-type instruction operation, curve storage, flameout protector and outside printout are enabled by the application of top grade embedded mono-chip Computer circuit.
The instrument should be placed horizontally, avoiding direct sunshine radiation.
There is no disturbance of strong electromagnetic field or vibration. Fire extinguishing device should be equipped in the application field and good aeration should be guaranteed.
LCD display, menu-type instruction operation, curve storage, flameout protector and outside printout are enabled by the application of top grade embedded mono-chip.

SPECIFICATIONS

Model	BHK1C1
Old Model	BLFP-502
Power Supply	AC220V ±22V, frequency 50 Hz ±1 Hz, with good grounding
Range	K: 0~999.9, Na: 0~999.9, Li: 0~999.9
Sensitivity	K: 0.2 μg/mL, Na: 0.2 μg/mL
Linearity	K: 0.2 μg/mL, Na: 0.7 μg/mL
Drift	Less than 3% within 15s
Reproducibility	3%
Aspiration Rate	<6 mL/min
Fuel Supply	L.P.G.
Environmental Temperature	10℃ - 3℃
Relative Humidity	≤85/100
Alt Name	Flame Photometer

FEATURES

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Computer circuit.

APPLICATIONS

Pharmaceutical Industry, Beverage Industry, Food Industry, Environmental Analysis, Chemical Industry, Cement Industry

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com