

Flame Photometer FP-3007

Ideal for clinical, industrial and educational applications

Overview

The Model FP-3007 is a low temperature, single channel flame photometer designed as a low cost approach for the routine determination of sodium and potassium. Additional filters are included for the measurement of lithium, barium, and calcium.



Features:

- Push button ignition
- Switchable decimal point
- Electronic flame failure detection
- Filter wheel for fast changing of analytical parameters
- Fine and coarse sensitivity controls
- Operates on propane, butane, natural gas or L.P.G. supplies
- Recorder output
- Economically priced

Model FP-3007 Flame Photometer

Technical Specifications:

FP-3007

<u>Element</u>	<u>Detection Limits</u>	<u>Working Range</u>
Na	0.15ppm	0.50 - 10ppm
K	0.20ppm	0.75 - 25ppm
Li	0.25ppm	0.75 - 20ppm
Ca	1.50ppm	3.00 - 40ppm
Ba	2.50ppm	5.00 - 100ppm

FP-3007

The FP-3007C is designed specifically for use in clinical applications. The built-in lineariser circuitry enables readings of both sodium and potassium, at the normal clinical serum concentrations, to be displayed in mmol.

<u>Analytical Ranges:</u>	Na	0.04 - 1.1 mM
	K	0.02 - 1.4mM

Detection limits and Working ranges for Ca, Li, Ba are the same as the PFP-7.

Common Specifications

Reproducibility:	<1% coefficient of variation for 20 consecutive samples using 10ppm Na set to read 50.0
Linearity:	Better than 2% when concentration of 3ppm Na and K and 5ppm Li are set to read 100
Specificity:	Interference from Na, K, and Li equal in concentration to test element will be less than 0.5%
Recorder Output:	Nominal 1.00V for a reading of 100.0
Services:	Electrical: 90 - 125V or 190 - 250V @ 50 / 60Hz Air: Moisture and oil free 6 liter / minute at 1Kg/cm ² (14psi) Fuel: Propane, butane, natural, gas, or L.P.G.
Range:	0 - 199.9
Size:	420 x 360 x 300mm
Weight:	8Kgs. / 17.5lbs.

Support & Services

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

- HPLC Servicing :We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
- Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's
- AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, troubleshooting.
- Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/U SFDA norms
- Instruments :We offer instruments / Renting Services Modules like pumps, detector etc. on Rent.



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Optical Emission Spectrophotometer	DSC/TGA	NOVA 2020 plus Automated Bio Chemistry Analyzer	HEMA 2020 Hematology Analyzer	Micro Plate Reader/Washer	Water purification system	Total Organic Carbon
						
Fully Automated CLIA	NOVA Basic Semi -Auto Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	Blood Gas Analyzer	Random access Analyzer for immunoassay Proteins & clinical chemistry	Semen Analyzer	Water Purification System

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

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3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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