

Key Features

- Designed for clinical analysis
- Supplied with Na, K and Li filters
- Low temperature, single channel
- Flame failure safety system
- Operates with propane, butane, natural gas or LPG

PFP7/C

Part code: 500 801



PFP7/C

Clinical Flame Photometer

The PFP7/C is a low temperature, single channel flame photometer that is specifically designed for use in clinical applications for the determination of sodium, potassium and lithium. The in-built lineariser circuitry of the PFP7/C enables readings of both sodium and potassium to be displayed directly in mmol/l.

Technical Specification

Range	120 to 160mmol/l Na 0 to 10.0mmol/l K
Limits of detection	Na 0.2ppm K 0.2ppm Li 0.25ppm
Reproducibility	<1% coefficient of variation for 20 consecutive samples using 10ppm Na set to read 50
Linearity	<2% error when 3ppm Na/K and 5ppm Li are set to read 100
Stability	<2% drift over 5 min when continuously aspirating 10ppm sample set to 50.0
Specificity	Interference from Na/K and Li equal in concentration to test element will be <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 litre/min at 14psi
Fuel	Propane, butane, natural gas or LPG
Size (w x d x h), mm	420 x 360 x 300
Weight, kg	8

Ordering Information

Part Code	Description
500 801	PFP7/C clinical flame photometer supplied with Na, K and Li filters, connecting hoses and clips, compressor plug and drain trap (230V/50Hz)

Note: This product will only operate with the correct type of compressor and gas regulator as specified.

* Voltage variants available see page 94