

PFP7

Industrial Flame Photometer

The PFP7 is a low temperature, single channel flame photometer that is designed for the routine determination of sodium, potassium, calcium, barium and lithium concentrations. The flame failure safety system makes these products ideal for use in industrial and educational environments. The use of fine and coarse sensitivity controls allows for accurate measurements each and every time.

Technical Specification

Range	0 to 199.9ppm
Limits of detection	Na 0.2ppm K 0.2ppm Li 0.25ppm Ca 15ppm Ba 30ppm
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 @ 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
500 701	PFP7 industrial flame photometer supplied with Na, K, Ba, Ca 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

Key Features

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

PFP7

Part code: 500 701



Nebuliser

Part code: 500 019

