## 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

> 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%

Nominal 1.00V for a reading of 100.0 Recorder output

**Services** 

90-125V or 190-250V @50/60Hz\* **Electrical** 

Air Moisture and oil free, 6 litre/min @ 14psi Propane, butane, natural gas or LPG

Size (w x d x h), mm 420 x 360 x 300

Weight, kg

## 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)

**Key Features** 

- Designed for industrial analysis
- Supplied with Na, K, Li, Ba and Ca filters

**ДИА•М** 

- Low temperature, single channel
- Flame failure safety system
- Operates with propane, butane, natural gas or LPG



Part code: 500 701





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

\* Voltage variants available see page 94

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