

The Model PFP7 is a low temperature, single channel Flame Photometer, designed for the routine determinations of Sodium (Na) and Potassium (K). Additional filters for the measurement of Lithium (Li), Barium (Ba) and Calcium (Ca) are included. The instrument is fitted with automatic flame failure detection for user safety, making it ideal for use in clinical, industrial and educational applications.

The PFP-7C 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.



FEATURES INCLUDE:

- 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

Common Specifications:

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| 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. |