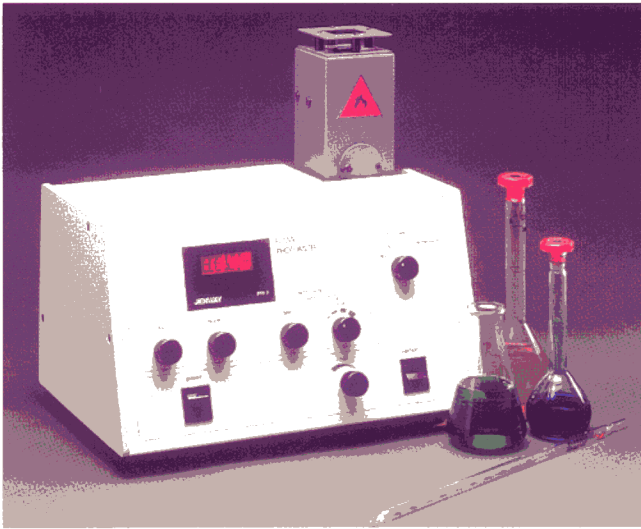
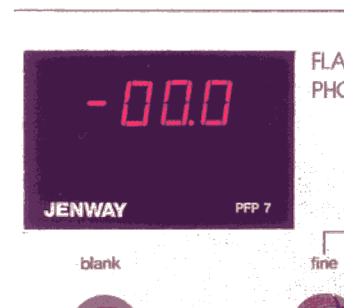
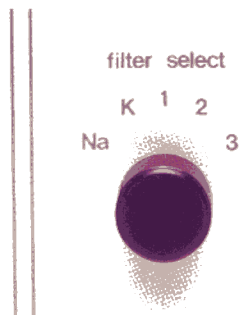
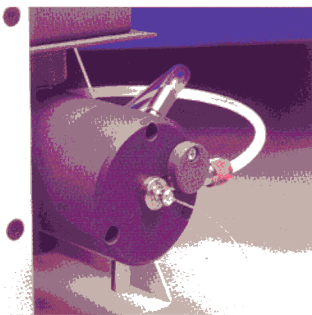


MODELS PFP7 & PFP7/C FLAME PHOTOMETERS



- Industrial & Clinical analysis
- Low temperature, single channel
- Na & K filters fitted as standard
- Ca, Ba and Li filters optional
- Electronic flame failure detection
- Fine & coarse sensitivity controls
- Operates on propane, butane, natural gas or L.P.G. supplies



The Jenway Models PFP7 and PFP7/C are low temperature, single channel flame photometers, designed for the routine determinations of Na and K. Additional filters are available for the measurement of Ca, Ba and Li.

Both versions are fitted with automatic flame failure detection for user safety, making them ideal for use in clinical, industrial and educational applications.

The Model PFP7/C is specifically designed for use in clinical applications. The in-built lineariser circuitry enables readings of both Na and K at the normal clinical serum concentrations to be displayed directly in mmol/l. Serum samples must be diluted 200:1 or 100:1 prior to presentation to the flame photometer. Jenway are able to offer the Series 7 diluter to enable this to be carried out efficiently and accurately.

[ALYS Labware, Lausanne](http://www.alys-labware.com)

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ACCESSORIES

Please note: These products will only operate with the correct type of air compressor and gas regulator, as specified.

535 001	Air compressor (220V/50Hz)	500 178	Butane regulator
535 002	Air compressor (110V/60Hz)	500 179	Propane regulator
		500 180	Natural gas regulator
It is recommended that the filters listed below are factory fitted at the time of ordering the product.		Clinical standards (500ml)	
500 125	Ca filter	025 008	1.00mmol/l Li
500 126	Li filter	025 004	100mmol/l Na/K
500 127	Ba filter	025 006	140mmol/l Na / 5mmol/l K
		025 007	120mmol/l Na / 2mmol/l K
		025 005	160mmol/l Na / 8mmol/l K
		025 027	160mmol/l Na / 80mmol/l K
037 001	Series 7 diluter	Industrial standards (500ml)	
500 176	Water separator	025 023	1000ppm K
500 177	Water separator (large)	025 024	1000ppm Li
500 134	Dust cover	025 025	3000ppm Ba
025 016	Cleaning solution	025 021	1000ppm Na
500 172	Minor spares kit	025 009	1000ppm Ca
500 173	Major spares kit		

SPECIFICATIONS

Model	PFP7 (Industrial)	PFP7/C (Clinical)
Ranges	0 – 199.9	120 – 160mmol/l Na (linearised) 0 – 10.0mmol/l K
Limits of detection	Na/K ≤ 0.2ppm Li ≤ 0.25ppm Ca ≤ 15ppm Ba ≤ 30ppm	Li ≤ 0.25ppm Ca ≤ 15ppm Ba ≤ 30ppm
Reproducibility	≤ 1%/Coefficient of Variation for 20 consecutive samples using 10ppm Na set to read 50	
Linearity	Better than 2% when concentration of 3ppm Na/K and 5ppm Li are set to read 100	
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/minute @1Kg/cm ² (14psi) Fuel: Propane, Butane, Natural Gas or L.P.G.	
Size	420 x 360 x 300mm	
Weight	8Kgs	

500 094 Model PFP7

500 200 Model PFP7/C (clinical version)

Both models are supplied with Na & K filters, connecting hoses and clips, compressor plug, drain trap, fuses, mains lead and combined instruction/service manual.

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