

# LABORHITS

## Flame Photometer PFP7 and PFP7/C

With flame failure safety system

Can be operated with propane, butane, natural gas or liquid gas



Single channel, low temperature flame photometer for use in industry, medicine and education. With built-in electronic flame failure safety system for operational safety.

-Model PFP7 incl. Na, K, Ca, Ba and Li filters  
-Model PFP7/C incl. Na, K and Li filters

**Supplied with:** Na, K, Li filters (model PFP7/C), additionally Ba and Ca filter (model PFP7), connecting hoses and clips, compressor plug, drain trap, fuses and operating/service instructions

### Specifications

**Range PFP7:** 0 ... 199,9 ppm

**Range PFP7/C:** 120 ... 160 ppm Na, 0 ... 10 ppm K

### Limits of detection

**Na/K:** < 0,2 ppm

**Li:** < 0,25 ppm

**Ca:** < 15 ppm

**Ba:** < 30 ppm

**Reproducibility:** < 1 % (Coefficient of variation for 20 consecutive samples using 10 ppm Na set to a reading of 50)  
**Linearity:** < 2 % (when concentration of 3 ppm Na/K and 5 ppm Li are set to a reading of 100)

**Specificity:** Interference from Na, K and Li equal in concentration to test element will be < 0.5 %

**Recorder output:** Nominal 1.00 V for a reading of 100.0

**Air:** 6 l/min at 1 Kg/cm<sup>2</sup> /14psi (oil and moisture free pressurised air)

**Dimensions (W x D x H):** 420 x 360 x 300 mm

**Weight:** 8 kg

**Power supply:** 190 ... 250 V, 50/60 Hz

Type	PK	Cat. No.
PFP7	1	9.309 409
PFP7/C	1	6.272 846
Air compressor	1	9.309 410