Cole-Parmer®

Cole-Parmer®
FF-200 Research Flame Photometer

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



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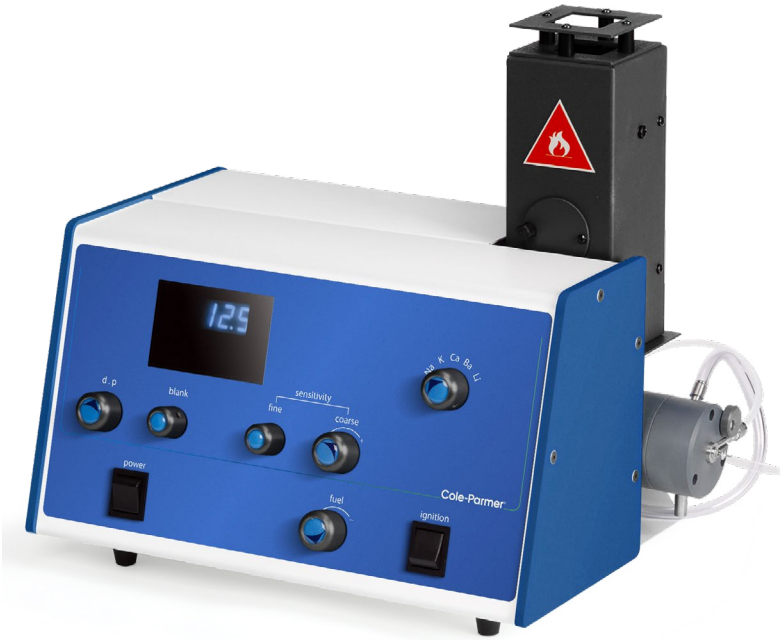
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Cole-Parmer®
FF-200 Research Flame Photometer

The FF-200 is a low temperature, single channel flame photometer that is specifically designed for use in research applications for the determination of sodium, potassium and lithium.

The in-built lineariser circuitry of the FF-200 enables readings of both sodium and potassium to be displayed directly in mmol/l.



Technical Specification

Specification	FF-200
Parameter	FF-200
Range	120 to 160mmol/l Na, 0 to 10.0mmol/l K
Limits of detection Na	0.2ppm
K	0.2ppm
Li	0.25ppm
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 5min 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
Electrical supply	90-125V or 190-250V @50/60Hz
Air supply	Moisture and oil free, 6 litre/min @ 14psi
Fuel	Propane, butane, natural gas or LPG
Size (w x d x h)	420 x 360 x 300mm
Weight	8kg

Ordering Information

Description	Ordering Number	Series No.	Model No.	Legacy Sku.
Cole-Parmer FF-200 Research Flame Photometer, 230V	12655-00	FF-200	FF-200D-R	500801

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