



ELE Flame Photometer

Code: [38-0200/01](#)

Product Group: [ELE Flame Photometer](#)

The Flame Photometer is built to a high specification and can be used with confidence for the most exacting analysis. It is a low temperature, single channel emission flame photometer with a large clear digital readout. The unit incorporates zero and gain controls with fine and coarse sensitivity, electronic ignition and automatic air supply regulation. The meter is supplied with sodium and potassium filters, fuel and air connections, nebuliser cleaning wire, hose connecting clips, auxiliary power plug, hexagon key, 2 lengths of drain tubing and a comprehensive instruction book and service manual. The unit is housed in a strong case.

Special Note: The Flame Photometer requires a source of moisture-free air at 6 litres/minute at a pressure of 1 kg/cm². It also requires a fuel source for the flame and a regulator (see accessories).

Standards

EN 196-21, ASTM C114, TEST 17

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

For 220-240 V AC, 50-60 Hz, 1 ph

Specification

Dimensions (L x W x H) (mm)	420 x 360 x 300 mm
Readout	LED three 12.5 mm digits
Sensitivity Na	3 to 100 ppm
K	3 to 100 ppm
Ca	5 to 100 ppm (optional filter)
Reproducibility	1% CV for 20 consecutive samples using 10 ppm, set to read 100
Recorder Output	Nominal 1.00 V for a reading of 100.0
Range	0 to 199.9
Weight	8 kg

Accessories



Air Compressor

Code: [38-0320/01](#)



Barium Filter

Code: [38-0260](#)



Calcium Filter

Code: [38-0250](#)



Regulators for Natural Gas

Code: [38-0270](#)



Regulators for Propane Gas

Code: [38-0280](#)