

Flame Photometer



Single channel emission flame photometer for routine determination of Na, K, Ca, Li and Ba.

- Digital readout
- Switchable decimal point
- Narrow band filters on rotating discs
- Electronic ignition of flame
- Electronic flame failure protection
- Automatic regulation of air supply
- Simple maintenance and cleaning
- Recorder output
- Detection limits ppm:
 - Na 0.2
 - K 0.2
 - Li 0.25

- Ca 15
- Ba 30
- Reproducibility: 1% CV 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, Li equal in concentration to test element will be less than 0.5%.
- Recorder output: Nominal 1V for a reading of 100.0
- Dimensions: 420mm x 360mm x 300mm
- Weight: 8kg

Services required

Electrical

230V 50Hz single phase

Air

Moisture and oil free 6 litres/minute at 1Kg/cm²

Gas

Propane, butane or natural gas (specify correct regulator when ordering)

Supplied with Na, K, Li, Ca and Ba filters, fuel and air connectors, instructions and service manual.