



Flame Photometer KLiNaCa 120



Electrolyte Analysis Made Easy

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MANUFACTURERS OF ELECTRONIC INSTRUMENTS AND SCIENTIFIC EQUIPMENTS.

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Flame Photometer KLiNaCa 120

SYSTRONICS FLAME PHOTOMETER KLiNaCa 120

is ideally suitable for clinical/medical applications. It is a dual channel instrument capable of quick, simultaneous estimation of Na and K. Facilities are incorporated to select Calcium (Ca) in addition to Sodium (Na) and/or Lithium (Li), in addition to Potassium (K). Simultaneous estimation of two elements minimizes operation time, sample consumption and cost of operation.

APPLICATIONS:

KLiNaCa120 is specially designed for Biomedical applications. For serum estimation, it offers linearized electronics circuitry enabling direct reading of Na & K values simultaneously. The instrument gives final results in milli-equivalents and therefore no calculation need be done. Calcium can be estimated at a full scale of 100 ppm, which is useful for analysis of drugs, medicines etc.

SYSTEM PACKAGE

Main Unit 120 &
Compressor 126



SALIENT FEATURES

- Dual Channel
- Simultaneous Estimation of two Elements at a time
- Oil and Moisture free Compressor

SPECIFICATIONS

Scale Range				
Element	Direct Scale	Scale (Medical)	Dilution	Molecular Wt.
Sodium	0-2 meq/l	0-200 meq/l	1:100	23
Potassium	0-0.1 meq/l	0-10 meq/l	1:100	39
Lithium	0-0.2 meq/l	0-2 meq/l	1:10	07
Calcium	0-100 ppm	0-100 ppm	1:1	40

Reproducibility ±2% & ±1 digit

Min. Sample 5 ml

Detector Two Si-Photodiode / Photo IC

Filters Narrow band interference filters (Na & K as standard accessories)

Aspiration time 30 Seconds

Fuel Gas LPG supplied by end user

Air Compressor Built-in air regulator, air filter, oil & moisture free having pressure 1 kg /cm²

Power 230V ±10%, 50 Hz, 10VA

Weight Main unit 5.5 kg + 6 kg Compressor

Dimensions 400 (W) X 235 (D) X 270 (H) mm (Main unit)
255 (W) X 210 (D) X 205 (H) mm (Compressor)

Accessories (i) Sample beakers with Rack
(ii) Dust Cover
(iii) Gas Lighter

Optional Accessories Ca & Li filters (at extra cost)