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Microprocessor Flame Photometers

Product Image



Description

Catalog No. : 100106

Microprocessor Flame Photometer - Model 671

SALIENT FEATURES

- ✓ Auto Gas Cutoff Facility
- ✓ Auto Flame Failure Detection Facility
- ✓ Inbuilt Thermal Printer (In Model 672)
- ✓ μ P Based With Printer Interface
- ✓ Five Element Measurement In Single Aspiration of the Sample
- ✓ Curve Calibration Programmability using Maximum of 25 Standards
- ✗ ✓ Data Processing Through Curve Fitting Techniques - Least Squares, Quadratic
- ✓ Multiple Calibration Curves Saving Facility
- ✓ Samples Data Storage Facility
- ✓ Online Help Key
- ✓ Printer Attachment Facility
- ✓ Measurement in ppm & meq
- ✓ Useful For Both Medical & Soil Testing Applications
- ✓ Setup Storage Facility up to 10 setups files
- ✓ Supplied with Compressor Unit

TECHNICAL SPECIFICATIONS

- ✓ RANGE

General Range	Serum Range	Urine Range
ppm	meq/l	meq/l
Na : 0-100	0-200 meq/l, 1:100 dil.	0-250 meq/l, 1:100 dil.
K : 0-100	0-10 meq/l, 1:100 dil.	0-100 meq/l, 1:100 dil.
Ca : 0-100	0-10 meq/l, 1:2 dil.	
Li : 0-100	0-2 meq/l, 1:5 dil.	-
Ba : 30-3000	(all meq values are claimed with appropriate dilution)	
- ✓ SENSITIVITY

General Mode : Na: 0.5 ppm, K: 0.5 ppm, Li: 0.5 ppm, Ca:15 ppm Ba: 30ppm
- ✓ FILTERS

Na & K Supplied (Ca, Li & Ba are optional at extra cost) {Ba can be factory fitted only}
- ✓ RESOLUTION

0.1 ppm / 0.1 meq.
- ✓ REPRODUCIBILITY

< 1% coefficient of variation for 20 consecutive samples using 10 ppm Na set as Maximum Standard up to 3% CV for 20 consecutive samples of Concentrations between 50 to 199 ppm for Barium.
- ✗ ✓ LINEARITY

< 2% error when 3 ppm Na/K and 5 ppm Li are set as Maximum Std.
- ✓ CURVE FIT ACCURACY

± 2% of FS
- ✓ DISPLAY

128 x 64 Graphical LCD
- ✓ AVERAGE TIME

In-built in Software
- ✓ FLAME SYSTEM

LPG & Dry Oil Free Air
- ✓ DETECTOR

Photodiode
- ✓ CALIBRATION

with up to 25 Standards of user choice with curve fitting software (5 for each Element). Multiple Calibration Curves can be stored in the memory
- ✓ GAS CONTROL

Adjustable with knob
- ✓ FLAME FAILURE

Auto Detection
- ✓ GAS CUTOFF

Automatic
- ✓ IGNITION SYSTEM

Auto Ignition
- ✓ AUTOMISER

Axial Flow Type
- ✓ DIMENSIONS

Instrument : 365 x 245 x 220 mm Approx. (LxBxH)
- ✓ PRINTER

Provision for attachment of Dot-Matrix Printer with centronics parallel interface
- ✓ PC INTERFACE

USB
- ✓ WEIGHT

Main Unit : 8 Kg. (Approx.)
- ✓ POWER SUPPLY

230 V AC ± 10%, 50 Hz

ACCESSORIES

- Air Compressor
- Chimney
- Sample Beakers
- Manual

Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.