

6710

MICROPROCESSOR FLAME PHOTOMETER TOUCH SCREEN



SALIENT FEATURE

- Auto Gas Cut-off Facility
- Auto Flame Failure Detection Facility
- 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 upto 10 setups files

SPECIFICATION

RNAGE

General Range

ppm

Na: 0-100

K: 0-100

Ca: 0-100

Li: 0-100

Ba: 30-3000

SENSITIVITY

FILTERS

RESOLUTION

REPRODUCIBILITY

LINEARITY

CURVE FIT ACCURACY

DISPLAY

AVERAGE TIME

FLAME SYSTEM

DETECTOR

CALIBRATION

GAS CONTROL

FLAME FAILURE

GAS CUT OFF

IGNITION SYSTEM

AUTOMIZER

DIMENSIONS

WEIGHT

PC INTERFACE

POWER SUPPLY

Serum Range

meq/l

0-200 meq/l, 1:100 dil

0-10 meq/l, 1:100 dil

0-10 meq/l, 1:2 dil

0-2 meq/l, 1:5 dil

(all meq values are claimed with appropriate dilution)

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

: Na&K Supplied (Ca, Li&Ba are optional at extra cost) (Ba can be factory fitted only)

: 0.1 ppm/ 0.1 meq.

: <1% coefficient of variation for 20 consecutive samples using 10 ppm Na set as Maximum Standard upto 3% CV for 20 consecutives samples of Concentrations between 50 to 199 ppm for Ba

: <2% error when 3 ppm Na/K and 5 ppm Li are set as Maximum Std.

: $\pm 2\%$ of FS

: Colored Touch Screen

: In-built in Software

: LPG & Dry Oil Free Air

: Photodiode

: With upto 25 standards of user choice with curve fitting software

(5 for each Element). Multiple Calibration curves can be stored in the memory

: Adjustable with knob

: Auto Detection

: Automatic

: Auto Ignition

: Axial Flow Type

: Instrument: 365x245x220 mm Approx(LxBxH)

Provision for attachment of Dot-Matrix Printer with centronics Parallel interface &

: Main Unit: 8 Kg. (Approx.)

: USB

: 230 V AC 10%, 50Hz

STANDARD ACCESSORIES

Air Compressor
Chimney
Sample Beakers
Air & Gas Tubing
USB Cable
Mains Lead
Instruction Manual
Dust Cover

