

TECHNICAL SPECIFICATIONS

PHOTOMETRIC MODULE

- Static photometer with photometric range (340 to 700)
- 8 Wavelength Position
- 7 Fixed filters: 340, 405, 505, 546, 578, 630, 670
- 1 Position Free
- IAD process ensures long filter life
- Wavelength Accuracy: +2nm
- Silicon Photo Diode detector
- Absorbance Range: 0.0-3.0 A
- Resolution :0.0001 Absorbance Units
- Photometric Drift: <5 mAbs/30min
- CV: <1%

TEMPERATURE OF FLOW CELL/CUVETTE

- 25°C 30°C.37°C
- Temperature Stability: ±0.2°C

DISPLAY

- 5.7 Inch LCD display screen
- High Contrast Display

KEYBOARD

- Tactile touch QWERTY keypad
- Visual indication on keypad during aspiration

PRINTER

- Internal 57mm thermal printer with full graphics printing

MEASURING MODULE

- Dual mode (Flow cell & Cuvette)
- High quality Quartz + Metallic flow cell for precise measurements
- 30ul Flowcell volume
- Peltier-controlled reaction temperature
- External cuvettes (10mm path length)

UNITS

- 15 pre defined measurement units

REACTION VOLUME

- Minimum aspiration volume - 300ul
- Maximum aspiration volume - 5ml

DIMENSIONS

- Length: 422mm Height: 176mm
- Width: 324mm Weight: 6.5 kg



ANALYSIS METHOD

- Endpoint, Fixed time and Kinetic
- Sample blanking and Reagent Blanking
- Direct Absorbance measurement mode

TEST PROFILES

- User defined 10 Test Profiles
- 10 tests can be added in each profile

TEST CHANNELS

- 48 dedicated assays
- Direct access keys for dedicated assays
- Open channel capability
- 200 programmable channels

DATA MANAGEMENT

- Storage of up to 10,000 test results
- Stores 30 days QC for each Assay
- Reagent Blank storage

REPORTS

- Search by date, sample ID or Test Name
- Calibration Reports, QC results

INTERNAL INCUBATOR

- Positions: 7
- Temperature: 37 Degree

QC AND CALIBRATION

- Daily and monthly QC with data archiving.

INTERFACE

- RS 232 Port
- USB Port
- PC Connectivity (optional)

POWER

- Input Voltage Range: 88-264 VAC
- Frequency Range: 47 -63 Hz
- Power consumption: 75 W max



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