

PRECISION Chem400
Biochemistry Analyser



3 in 1 Analyzer

Integrated Innovative
Smart Calibration Facility
For HbA1c, CRP, RF, ASO in cost effective way

PRECISION®
Be Sure

Features

- Direct access to more than 200 tests through test keys
- Maintenance free peristaltic pump
- Unique circuitry for long lamp life
- Triple cuvette system
- Real time graph with online reading
- Multi standard calibration & memory
- Levey jennings and standard deviation graphs
- Displays actual temperature on screen
- Automatic calibration against standard
- Sample carry over prevention facility
- Robust system with built in stabilizer
- Patient report with PID & name
- User friendly software
- USB interface

Technical Specifications

OPTICAL SYSTEM

Linear measurement range : 0.000 to 3.000 absorbance units (A)

Photometric accuracy : $\pm 2\%$ or 0.007 whichever is higher, from 0 to 1.5 A, $\pm 3\%$ from 1.5 A to 3.0 A

Optical measurement : Photodiode

Light Source : Tungsten halogen

ANALYSIS MODES

Biochemistry & Turbidimetry : Absorbance, End Point,

Fixed Time, Kinetic, Differential & Ratio

Coagulation : PT, INR & APTT

FILTERS

Type of filter : Hard coated narrow band interference

Wave length : 340, 405, 510, 546, 578, 630 nm & two optional

FLOW CELL

Sipping volume : upto 1000 μ l

Triple cuvette system : 18 μ l Flow cell

10 mm square cuvette

Round tube for coagulation

POWER

Wattage : 100 VA

Voltage : 115 - 230 Volts $\pm 10\%$, 50 - 60 Hz

INCUBATOR

15 Positions at 37°C

MEMORY

Open tests : 250 tests

Results : 2500 patient results

QC : 30 QC results/test

DISPLAY

Human machine interface : TOUCH PANEL/KEYPAD

5" Color Graphics LCD

PRINTER

On board thermal 28 columns, maintenance free

STORAGE CONDITIONS

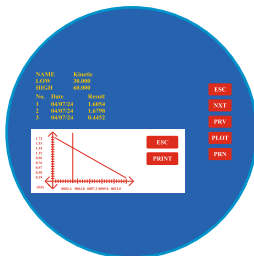
Temperature : From - 10°C to + 60°C

Relative humidity : Up to 85%

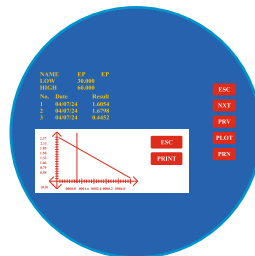
Enclosure : ABS fire retardant

Dimensions in mm (lxbxh) : 380 x 305 x 175 (Apr.)

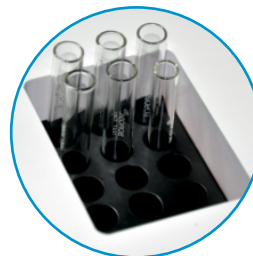
Weight : 5 kgs. (Apr.)



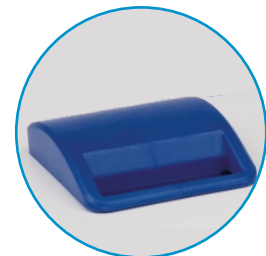
Online Graph



LJ/SD QC Chart



Incubator



Printer

Due to continuous development, specifications are subject to change without prior notice.



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