

PX50

A Complete Solution For Chemistry

- ◆ Advance
- ◆ Precision
- ◆ Accuracy
- ◆ Compact
- ◆ Economy
- ◆ User Friendly



**ONE TOUCH ACCESS
TO DEDICATED ASSAYS**

48 direct access assays

CALIBRATION

Factor, one-point
two-point and multi-point
Non linear multi point calibration
Up to 3 replicates per point
Up to 10 calibration points



LIGHT SOURCE

Halogen Quartz tungsten lamp
(6V, 10Watt)
Lamp life saving mode
(programmable sleep interval)
Unique Lamp life enhancing
circuit



**PRINTABLE
REAL TIME GRAPH**

Real time graph is displayed on
screen and can be printed

Technical Specifications

Test Programs:

248 test programs. Open system.

48 Direct Test Keys

Reagent blank memory

Optical System:

7 filters for 340, 405, 505, 546, 578, 620 and 670nm. One free position for further filter addition.

Photometric range from 0 – 3.0 A

Bandwidth of 10nm (± 2 nm).

Silicone Photodiode detector.

Halogen Lamp 6V, 10W

Measuring System:

Double cuvette system : 32 μ l flow cell & Semi-micro cuvette.

Peltier controlled temperature adjustable for 25, 30 and 37 ° C with accuracy of ± 0.1 ° C

External incubator block for 16 tubes with temperature controlled by instrument (optional)

Peristaltic pump with aspiration vol programmable from 300 μ l to 5000 μ l.

Analytical Modes:

Capable of performing all Substrates, Enzymes, # Hormones, TDMs

Programming Methods :

End point/one point with or without reagent blank & sample blank, Fixed time/two point kinetics with or without reagent blank ,Kinetic test with linearity check,Bichromatic with or without reagent blank ,Multipoint Calibration (Non Linear) of 10 multi-standards with curve fit formula ,Absorbance

Quality Control & Data Storage :

3 level Q.C per test with Levert - Jenning Graph

Storage of last 10,000 test results

Storage of Calibration Curves

Result recall by Test Name, Patient Name, Sample ID, Data etc.

Display and Keyboard:

Back lit graphic LCD 320 x 240 pixels, 5.7 inch

High quality tactile Polydome keys

Printer and Interface:

In-built graphic thermal printer

USB port for external printer

Power/ Dimensions

220V, 50 Hz. Max power = 100VA 110-250V, 50 \pm 10% Hz

Ambient temperature 15 – 35°C

Maximum Relative Humidity 75%

Dimensions: 422mm (L), 324mm (W), 176mm (H) . Weight: Appx6.5 Kg



DIRECT TEST KEYPAD



MAIN MENU



Powerful optical assembly with autosensing of cuvette or flowcell for proper positioning



Software calibrated peristaltic pump for less reagent consumption



CE ISO 9001:2015
Certified Company

Marketed by -

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