



DIAGNOSTICS PVT. LTD.
(PATHOZYME GROUP OF COMPANY)

SMART-7 ADVANCE Chemistry Analyzer



High Performance Chemistry Analyzer Compatible With All Biochemistry Reagents



ACCURATE RESULTS

Achieve highest accuracy



COST SAVING

Minimize Reagent Consumption



USER FRIENDLY

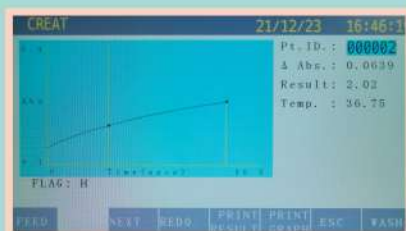
Ease of Operations

Description :

Smart 7 Advance is a clinical chemistry analyzer with powerful features in a compact Unit For Biochemistry...

MAIN MENU

Smart 7 Advance is analyzer with a variety of features and performance levels to fit any application. 7" TFT graphical display gives you true convenience in operation and minimizes errors while entering data. User friendly software with interactive Graphical user interface. Shortcut keys for Menus to ease the operation.

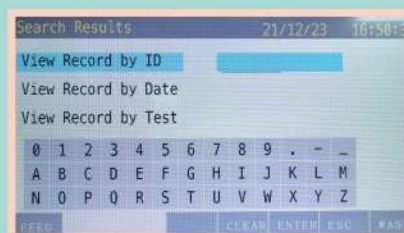


CALIBRATION

Availability of various Calibration types like K-factor, Linear and Non Linear calibration curves like Cubic Spline, Logit- log, Point to point enable the Smart 7 Advance to run variety of biochemical and immuno - turbidity assays.

SEARCH RESULTS

Easy to Access and Search Patient results for 3 different ways- View Record By ID, View Record By Date and View Record By Test.



Technical Specification :

Assay Types	End Point, Fixed Time, Rate A, Two Point Non Linear, Sample Blank, Multi-standard, Coagulation, Absorbance
Wavelengths	Automatic by 8 positions filter wheel 7 Standard Filters : 340nm, 405nm, 505nm, 546nm, 578nm, 630nm, 670nm ± 10nm One position free for optional filter Half bandwidth < 8nm Stray Light : < 0.3 at 340nm.
Photometer range	0.1-3.000Abs
Aspiration Volume	300uL to 1000uL
Flow Cell	Stainless steel with Quartz window measuring volume 32µL, optical path 1mm.
Inbuilt Incubator	Inbuilt with 10 incubator position.
Storage Capacity	120 Programs, 25000 Test records with reaction curve, QC Results
Light Source	12V/20W, Tungsten Halogen Lamp
Temperature Control	25, 30, 37°C by Peltier Effect
Display	7" TFT colour LCD Display with resistive touch screen, Resolution-800X480Pixels
Printer	Built-in Thermal Printer (can be switched ON/OFF, when desired)
Power supply	External Universal Adaptor (15V,8A)100 - 240VAC ±10%, 50/60 Hz, 60W
Operating Conditions	Temperature:15°C to 40°C, Relative Humidity : upto 85%
Net Weight	5.5 Kgs Approx.

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