

Clinical
Chemistry









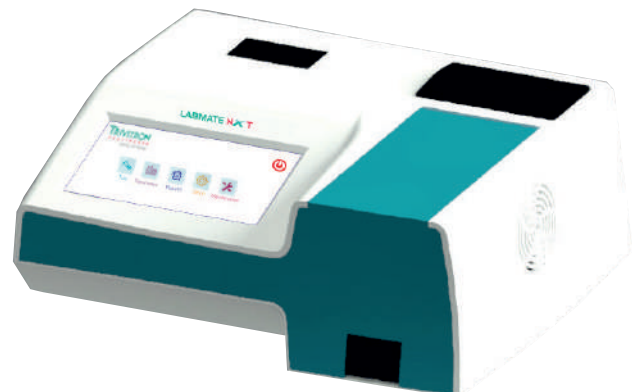
Immuno
Turbidimetry



LABMATE **NXT**

NEXT GENERATION CI ANALYZER

-  Accurate & precise results with maintenance free photometer
-  Lamp saver mode to increase lamp life
-  Direct report printing on letter head with LABMATE NXT through external printer
-  Unlimited patient result storage
-  Ideal for laboratories with small and medium workload
-  4 level of control run



LABMATE **NXT**

Parameter	Specifications
Operating System	Linux Based System
Assay Modes	7 Modes: End Point, Fixed Time, Fixed Time with Multi Standards, Kinetic, Kinetic with Standard, Multi Standard, Absorbance
Calibration types	K Factor, One Point Linear, Two Point Linear, Multipoint Linear, Exponential, Spline and Logit Log
Programmable Tests	300
Light Source	12V/ 20W Quartz Halogen Lamp
Measurement Methods	Monochromatic and Bichromatic
Range of Absorbance	0 - 3.5 Abs
Wavelengths	6 filters + 2 Optional: 340nm, 405nm, 505nm, 546nm, 578nm, 630nm(Optional: 450nm & 700nm)
Filter Mechanism	Rotating (Filter wheel), using stepper motor
Flow cell and Volume	32 µl Quartz Flow cell
Reading Mode	Flow cell / Cuvette (Manual)
Flow cell/ Reaction Temperature	Peliter Temperature Control: 25° C, 30° C - 37° C
Storage	10,00,000
Patient Results	Collated by ID, Date and Test
Quality Controls	Daily & Monthly QC for Upto 4 Levels with L J Plot
Aspiration Volume	200-1000 µl
Sipping Mode	Using dedicated Peristaltic pump
Display	7 inch Color Display with Capacitive Touch screen
Incubator	8 positions of Standard round test tubes
Incubator Temperature	Fixed at 37°C ± 0.5°C, digitally controlled using Silicone heater pad and sensor
Printer	In-built Thermal Printer and External Printer Interface through USB
Ports	4 USB Ports and 1 TCP/ IP
PC Communication	LIS through RS232, TCP/ IP
USB Interface	For External Printer, Keyboard, Barcode reader, Mouse and Mass storage device like pen drive for data backup
Operating Voltage	230V ± 10%, 60Hz, Input Supply: 12V/8A Desktop Adapter
Operating Temperature	10 to 40°C
Dimensions	375 x 307 x 164mm (L x W x H)
Weight	5.5 Kg Approx



*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.

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