

CHEMCount 1.1



Salient Features

- High performance Chemistry analyzer compatible with all biochemistry reagents
- Low Maintenance
- 7 Analysis Methods
- Automatic 7 filters + 2 free positions
- Superior quality flowcell with quartz window
- Extremely precise temperature controls for better results (25°C, 30°C, 37°C Peltier)

Specification Parameter	Specification Detail
Light Source	12V/20W Halogen Lamp
Wavelength Range	Automatic by 8 positions filter-wheel 7 standard filters: 340, 405, 505, 546, 578, 620 & 670nm, 1 Position free for optional filter Half bandwidth < 8nm Stray Light: < 0.3% at 340nm
Photometric Range	0.0000 – 3.0000 Abs Resolution: 0.0001 Abs Stability: 0.002A / hour
Flowcell	Stainless Steel with quartz window measuring volume 32ul, Optical Path - 10 mm Aspiration volume programmable: 300-1000ul Carryover < 1.0%
Analysis Method	End point with or without reagent blank, End point with sample blank or without sample blank, Kinetic with or without Linearity check, Two-point kinetic/fixed time with or without reagent blank, Absorbance, Turbidimetry, Linear and non-linear calibration Coagulation
Memory	120 Open Programmes 30 QC Results 25000 Tests Results
Temperature Control	By Peltier elements 25°C, 30°C, 37°C ± 0.1°C
Dry Block Incubator	10 Positions at 37°C
Display	7" Colour Touch Display
Print	Built-in Thermal Printer
Interface	RS – 232 Serial Port
Operational Environment	Temp : 10-30 °C, Humidity: < 70%
Voltage	AC 115-230V ± 10%, 50-60Hz
Power	100VA
Weight	5.5kg (Approx)

Specifications are subject to change without prior notice.

Marketed By:

SPHERIX DIAGNOSTICS

Office No. K-131, S.No. 17/1A/2,
Palladium Grand, PH-2, Dhanori, Pune,

Maharashtra - 411015