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Product Name :

Clinical Chemistry Analyzer

Product Code :

SLE/CL/77



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Description :

Clinical Chemistry Analyzer (Product Code: SLE/CL/77) is a bench-top, open, automatic analyser for batch determination of routine biochemistry tests on serum, plasma and urine. It handles substrates such as glucose and urea, electrolytes, enzymes, lipids and immunoturbidimetric assays, running end point, differential, fixed time, kinetic, immunoturbidimetric and multi-standard methods at 60 to 100 tests per hour. Auto-sampling, auto-dilution and auto-calibration take much of the manual pipetting out of the day, which is why hospital, district and private laboratories treat it as one of the core analytical lab instruments in India's diagnostic services. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Parameters	Routine chemistry analytes: substrates, electrolytes, enzymes, lipids, immunoturbidimetric
Methods	End point, differential, fixed time, kinetic, immunoturbidimetric, multi standard
Programming	Pre-programmed and user-programmable routines and profiles
Processing	Batch determination of routine clinical chemistry parameters
Platform	Bench-top, open, automatic system
Throughput	60 to 100 tests per hour
Sample types	Serum, plasma, urine
Automation	Auto-sampling, auto-dilution, auto-calibration
Quality control	Flags abnormal results
Data management	Built in for analysis and reporting; stores at least 100 patient data, including quality control and calibrators
Reporting	Via external printer; printouts show sample ID, date and time
Connectivity	External PC via USB
Casing	Corrosion-proof material
Environment	Tolerates harsh conditions, including high humidity, some fungi and spikes; operating temperature 15°C to 40°C
Power requirements	220V/50Hz, with voltage surge protection

Typical Use

Blood is centrifuged to obtain serum or plasma, which is then loaded with any urine samples and the day's calibrators and controls. The operator selects individual tests or a stored profile – for exam eads each time subst

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