

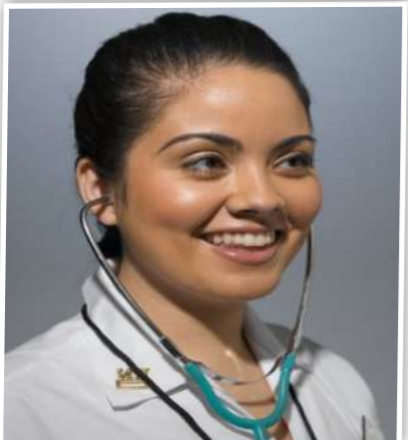
EM 360[®]

Clinical Chemistry Analyser



Step Up For Quality

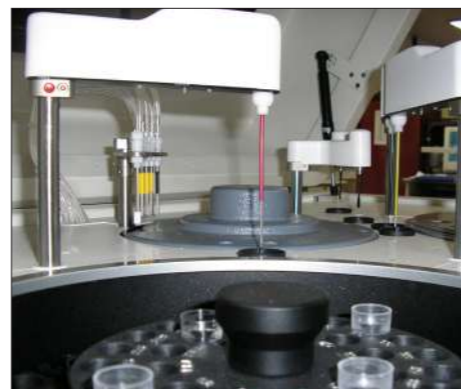




EM 360[®]

Clinical Chemistry Analyser

EM 360 - a Fully Automated Clinical Chemistry Analyser is a time tested and proven technology. It is designed to provide the most demanding productivity, speed and operational ease. EM 360 provides the best in class analysis for high quality results for virtually any biochemistry test to deliver quick, efficient and consistent performance.



Performance

EM 360 with a throughput of 360 tests/hour is capable of meeting the high workloads, tight deadlines, multiple tasks and complexity of testing of a large laboratory.

Proven diffraction grating technology of EM 360 offers uncompromised reliability in terms of accuracy and precision of test results. It offers you to perform analysis of substrates, enzymes, specific proteins, drugs and immuno-turbidimetric assays.

Productivity

Equipped with all necessary advanced features that one expects from a high end fully automated chemistry analyzer e.g. random access, on board reagent refrigeration facility, quality control facility, intelligent software etc to optimize and run the daily workload. EM 360 is a dream come true piece of electronic workhorse for laboratories.

EM 360 is fully equipped with a multi stage laundry station that offers the comfort of virtually non-stop operation.



EM 360 eliminates the necessity of cuvette replacement. Low reagent consumption of EM 360 will provide an cost effective solution towards your competitive needs.

Reliability

Daily and Monthly Levey-Jenning curve and facility to run user-defined controls, ensuring reliable reports.

An extensive quality control program adds Power to laboratory reporting.

Intelligent Software

An intelligent user-friendly software makes the operators job easy and flexible. EM 360 offers connectivity to the host computer via Laboratory Integrated Software.

It's intelligent software that can automatically schedule daily workload, implement test instructions, Q.C. needs and monitor test run, verify individual test results, repeat or cancel tests as and when needed, report and store results.

Auto re-run and dilution facility provides better linearity, leading to faster turnarounds.

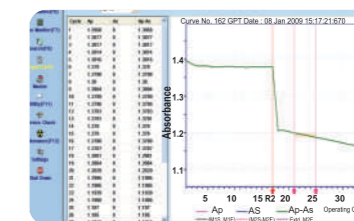
Sophisticated hardware and intelligent software combination of EM 360 will promptly become the most reliable workhorse of your laboratory.



The EM 360's special capacitance probes provide liquid level sensing & separate probes (seen above) ensure reliability of throughput at 360 tests/hour even when the analysis involves double reagents system.

Flexibility

Emergency sample processing facility provides total flexibility for reporting the stat patient reports.



TECHNICAL SPECIFICATIONS

System	: Automated, Discrete, Random Access, Patient Prioritized, Clinical Chemistry Analyzer
Throughput	: Up to 360 Photometric Tests / Hour (*600 tests / hr with ISE)
Programmable Parameters	: Default System Pack Parameters + upto 10 user defined parameters
Assay modes	: 1 - Point, 2 - Point, Rate -A, Rate - B (* ISE)
Calibration	: Linear, Non-linear, Multipoint
Sample Type	: Serum, Plasma, Urine, CSF etc
Sample handling	: 82 positions for samples / blank/ calibrator / control / STAT
Sample Container Type	: Primary Tube 5 ml, 7 ml, 10 ml or 2 ml Sample Cup
Barcode reader	: Optional for Samples
On Board Tests	: Cooled reagent carousel with 50 positions
Reagent pipetting	: 10 - 300µl steps of 1µl Possibility of 1 or 2 reagent tests
Sample pipetting	: 2-70 µl. Adjustable in 0.1 µl (steps)
Reagent bottles	: 20 ml, 50 ml & special 5 ml adaptor tubes
Reaction cuvettes	: Permanent hard glass cuvettes
Photometer	: Multi-wavelength diffraction grating with 12 wavelength options (340, 376, 415, 450, 480, 505, 546, 570, 600, 660, 700 & 750 n.m.)
Absorbance Range	: 0 - 3.0 OD
Reading Volume	: 200 µl
System Interface	: Bi-directional through USB.
Power Supply / Consumption	: AC 220V +/- 10%, 50 + 1 Hz or AC 110V + 10%, 60 + 1Hz, Power Consumption 800 VA
Computer (requirements)	: ,OS - Windows based
Ambient Operating temperature	: 20-30°C
Ambient Operating Humidity	: 20-85% (non-condensing)
Dimension	: 840 (W), 610(D) 1100 (H) mm
Weight	: Max. 150 kgs. (Main unit with CPU)
Water consumption	: Upto 14 litres / hour

Specifications subject to change without prior notice :
(*ISE NA+, K+, Li+, Cl- available on request)

Bio/05-2018/V4/Dom/Bro



ERBA Diagnostics Mannheim GmbH

Mallaustrasse 69-73 68219 Mannheim, Germany
Telephone : (+49) 621 8799770 Fax : (+49) 621 8799688
Email : sales@erbamannheim.com Website : www.erbamannheim.com

TRANSASIA BIO - MEDICALS LTD.

Transasia House, 8 Chandivali Studio Road, Andheri (E), Mumbai - 400 072
Tel.: (022) 4030 9000, Fax : (022) 2857 3030
Email : responses@transasia.co.in