

EM-90

Clinical Chemistry Analyzer

Technical specifications

Analysis Methods: End Point ,Kinetics, Fixed time, 2 Point Kinetic, Absorbance
340, 405, 450, 505, 546, 578, 630nm; 2 extra filters are optional filters

Optical: 6V/10W halogen lamp

Light Source: 0.0001Abs

Resolution: 0.0000-3.0000 Abs

**Photometric
Range; Stability:** ≤ 0.005 Abs/hour

Carry Over: $\leq 0.5\%$

Flow Cell: 32ul

Temperature

Control: Peltier oontroled: RT, 25°C , 30°C , and 37°C

Memory: 300 programs and 200000 results

Display: 7 inch LCD with touch screen

Printer: Built-in thermal printer

Interface: 4 USB salve; 1 USB Host and 1 Ethernet Port

Power Requirement: Wide power supply: AC100-240V,50/60Hz

Dimension: 400(L)X300(W)X160(H) mm

Weight: 6.0Kg



EM-90
Clinical
Chemistry Analyzer >


EASTMED
PROFESSIONAL LABORATORY
EQUIPMENT MANUFACTURER

PRODUCT MANUFACTURED BY EASTMED

AN ISO9001;2008 CERTIFIED COMPANY

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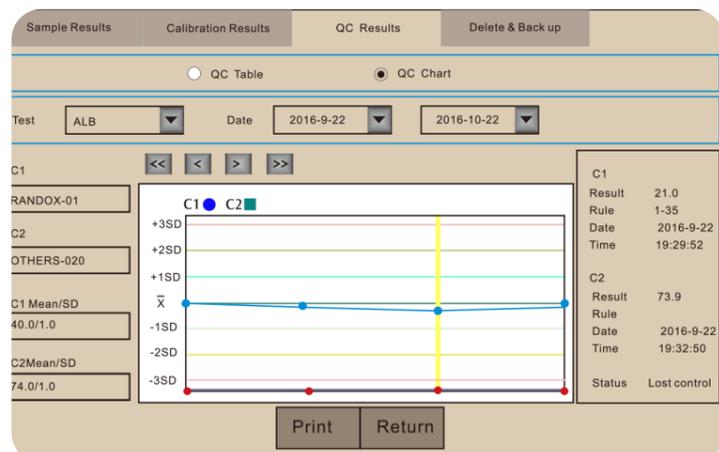
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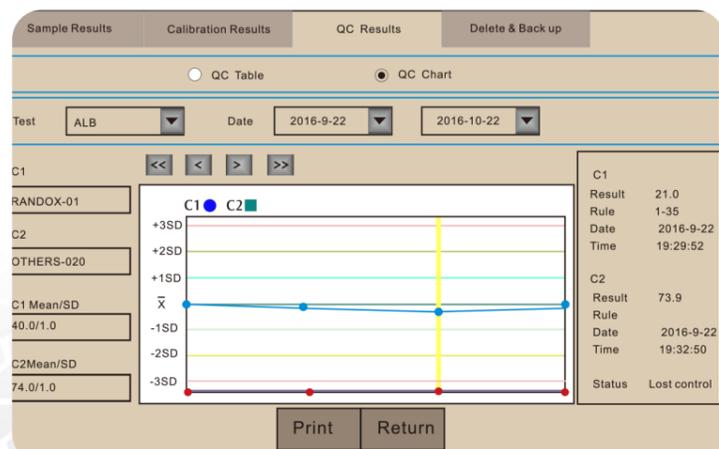
User Friendly Interface

- 7.0 inch touch screen LCD
- Auto sleep for lamp protection, self-defined stand by time
- 5 USB port. Ethernet port
- Up to 300 tests can be programmed
- Up to 200000 results storage
- Database backup by USB port
- Universal power supply



Live Graph-
Sample reaction
graph online

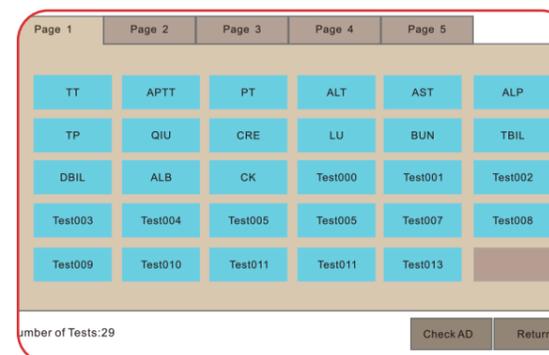
On-Board QC
Chart-Validation
and Display of the
levely-Jennings
plot.



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User Interface

The input panel can popup automatically when you input characters, numbers in each dialog of soft-ware, as the figure below shows. USB mouse and USB keypad will reserve for people who get used to use traditional computer.



Test Menu Direct Access

Test Menu

- | | |
|--------------------|---------------|
| Albumin | TIBC |
| Bilirubin T&D-DMSO | Lactate |
| Calcium-All I | Magnesium |
| Chloride | Oxalic acid |
| Cholesterol | Protein U&CSF |
| HDLc-D | Phospholipids |
| LDLc-D | Phosphorus |
| Copper | Total Lipids |
| Creatinine | Total Protein |
| Fructosamine | Triglycerides |
| Glucose | Sodium |
| HbA1c Enzymatic | Lithium |
| Homocysteine | Potassium |
| Iron FZ | Urea |
| | Uric Acid |

Clinical Chemistry - Enzyme

- | | | | | |
|---------------------|--------------------|-------------|---------------|----------------|
| Acid Phosphates | Y-GT | PREALBUMIN | Apo A1 | IgM |
| Alkaline Phosphates | SGPT | TRF | Apo B | IgE |
| Amylase | SGOT | ASO Turbi | α-1-ANTITRY | IgG |
| CHE-Mono test | LOH | RF Turbi | α-1-AC GLY | HAPTO |
| CK-NAC | Lipase | CRP Turbi | ATHROM-III | C3 |
| CK-MB | Glucose-6PDH | Lp(a) Turbi | CERULOPLASMIN | Ferritin Turbi |
| 13-2-Micro Turbi | Microalbumin Turbi | C4 | IgA | |

