



EASTMED®

PROFESSIONAL LABORATORY
EQUIPMENT MANUFACTURER

Specification

System Function	Fully automatic, random access, Discrete	ISE Unit (Optional)	K+, Na+, CL-
Equipment Type	STAT sample in priority	Optical Unit	Halogen lamp
Throughput	Constant 330T/H, up to 490T/H with ISE	Wavelength	8 wavelengths: 340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm, 700nm
Measuring Principle	Colorimetry, Turbidimetry	Analytical Method	End-point, Fixed-time, Kinetic
Reagent/Sample Unit	- Reagent/Sample Tray: 50~100 positions for reagents, 50~100 positions for samples - Sample Volume: 2~45µl, step by 0.1µl - Reagent Volume: 10~300µl, step by 1µl - Reagent/Sample Probe: Liquid level detection, vertical collision protection, inventory checking, clog detection (Optional)	Automatic Sample Dilution	Pre-dilution and post-dilution
QC/Calibration	- Calibration Type: K factor, Two points linear, multi-point linear, Spline, Line graph, Exponential, Logit-Log3P, Logit-Log 4P, Logit-Log 5P	Refrigerated Compartment	2-12°C, 24-hour uninterrupted refrigeration
QC Rules	Westgard, Levey-Jennings, Cumulative sum check, Twin plot	Mixing Unit	Independent mixing bar
Reaction Unit	- Reaction Tray: 68 reusable cuvettes - Reaction Volume: 90-350µl - Reaction Temperature: 37°C±0.1°C - Cuvette Washing: Automatic 8-step warm water washing - Cuvette Detergent: Alkaline cleaning solution, with residual alarm function	Waste Water Treatment	High and low concentration split, with residual alarm function
Operation System Unit	- Operation System: Windows 10, Windows 11 - System Connection: TCP/IP network connection	Others	- Built-in Bar Code Reader (Optional): Applicable to sample and reagent bar code, code system: Codabar, ITF (Interleaved Two of Five), code128, code39, UPC/EAN, Code93 - Power Supply: 110~230V, 50/60Hz - Dimensions: 750mm (L) x 700mm (W) x 500mm (H) - Weight: 130kg



EM300

Fully Auto Chemistry Analyzer+ise

EAST MED TECHNOLOGY CO., LIMITED

Distributor:

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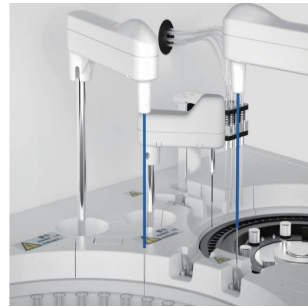
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HIGH PRECISION CERAMIC SYRINGE

- Permanent ceramic piston
- Accurate dispensing as low as 0.1 μ l



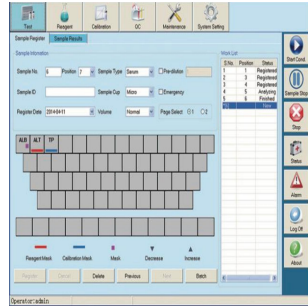
MULTIFUNCTIONAL PRECISION SAMPLING PROBE

- External & internal mirror polish, external & internal probe washing (reducing carry-over)
- Liquid level detection, volume tracking, vertical anti-collision, probe cot detection (optional)
- Collision protection
- Automatic probe depth adjusting



EXCELLENT MIXER DESIGN

- Teflon coating mixer. No water dropping (reducing carry-over)
- Excellent mixing effect with standard mixing procedure



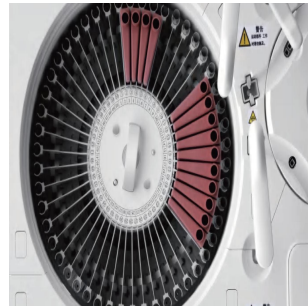
ADVANCED OPERATING SYSTEM

- User friendly software interface, easy-to-operation
- Sample automatic dilution (decrease, increase, normal)
- Linear & nonlinear calibration, Multi-points calibration up to 8 points
- Quality control multi-rule application, quality control chart printing
- Automatic checking of cuvettes and screen problematic



REACTION TRAY

- 68 reusable cuvettes
- Reaction Volume 90-350 μ l
- Stable & accurate temperature (37 \pm 0.1 $^{\circ}$ C) for reaction



REAGENT & SAMPLE TRAY

- 50~100 reagent positions
- 50~100 sample positions
- Pre-dilution and retest dilution
- 2-12 $^{\circ}$ C, 24 hours uninterrupted refrigeration

Features:

- Constant 330T/H, double reagent, up to 490T/H with ISE
- 50~100 positions for samples, 50~100 positions for reagents
- Liquid level detection, vertical collision protection, inventory checking, clot detection (Optional)
- Automatic sample dilution: Pre-dilution and post-dilution
- Refrigerated compartment 2-12 $^{\circ}$ C, 24-hour uninterrupted refrigeration
- Multimedia operating system, friendly interface, easy to operate

