

Fully Automated Gel-Clot Endotoxin System

Integrates sample and standard dilution, reagent handling, incubation, tube transfer and camera-based gel-clot result assessment. Operators load reagents and consumables; coordinated robotic handling performs the documented test workflow.



Key features

- Coordinated automatic dilution, dispensing and incubation
- Camera-based assessment with electronic records
- Access management and documented LIMS connection capability
- Automatic ampoule capping and anti-drip liquid handling

Technical Information

Sample positions	80
Dilution tube positions	240
Endotoxin standard positions	16
Incubation positions	160
Temperature control	37 ±0.5 °C
Dilution / dispensing error	<2%
Documented throughput	>160 samples/day
Documented processing cycle	8 tubes / 3 min

Standard Configuration

Instrument with the documented functions. Confirm all supplied holders, glassware, cables, reagents and consumables in the quotation; unspecified items are not assumed included.

Optional Accessories

No complete separate accessory list is available. Request compatible consumables, calibration items and qualification documents separately, with availability and price confirmed before ordering.

Selection / Ordering Information

Capacity figures describe different stations and are not interchangeable. Tip capacity: 2 × 96; water reservoirs: 4 + 1, 100 mL each; transfer: 8 tubes per operation. Confirm reagent compatibility, workload assumptions, software licence, LIMS interface, electrical supply and qualification. No validated regulatory compliance is claimed.

Technical Information

Water reservoirs	4 + 1 × 100 mL
Tip positions	2 × 96
Ampoule-cap feed positions	40
Material storage compartments	3
Waste containers	2
Control computer	1
Data workstation	1; barcode printer
Tube transfer count	8
Air filtration at 0.5 µm	>99.99%