



4-IN-1 · PROFESSIONAL DIAGNOSTICS

SEMI AUTO CHEMISTRY ANALYZER

Model: EM-107

- **4-in-1 Functionality**
Chemistry, Turbidimetry, Coagulation & Incubator
- **Triple Reading Modes**
Flow cell, cuvette & tube compatible
- **Multi Operation Ways**
Touch screen, mouse, keyboard & barcode reader
- **8 Long-life Filters**
340nm - 670nm wavelength range

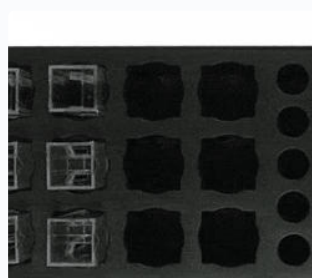
Technical Specifications

Parameter	Value
Optical System	8 IAD interference filters: 340, 405, 450, 505, 546, 578, 630, 670 nm
Detector	Silicon Photodiode
Photometric Range	0 to 3 OD
Resolution	0.0001A
Light Source	Halogen Lamp
Cuvette/Flow Cell Types	18µL quartz flow cell, 10mm square cuvette, 6mm round tube with adaptor
Temperature Control	Peltier: 25°C, 30°C, 37°C & RT
Minimum Aspiration Volume	200 µL (peristaltic pump)
Incubator	26-position multipurpose inbuilt incubator (37°C)
User-Defined Programs	300
Sample Result Storage	200,000
QC Storage	Reagent blank & QC result
Display	7.0" true colour touch screen
Printer	Inbuilt high resolution graphic thermal printer
Ports	4 USB, slave USB, Ethernet
Store Temperature	15°C – 45°C
Working Temperature	15°C – 30°C
Humidity	35% – 90% non-condensing
Power	External universal SMPS adaptor: 19V DC / 90W, 90–264V AC, 50/60 Hz
Dimensions (L×W×H)	400 × 300 × 191 mm
Weight	approx. 7 kg
Certification	CE IVD Certified



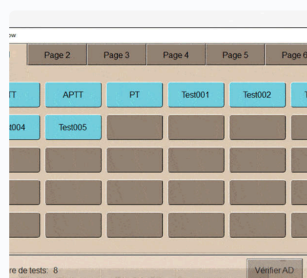
Convenient Operation

7" color touch screen, friendly user interface



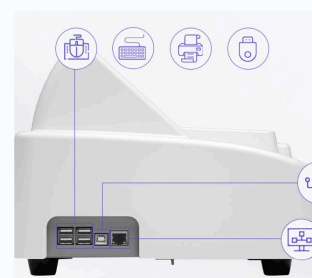
Multifunctional Incubator

26-position, 37°C accurate temperature control



Intelligent Software

Humanized design for easy operation



Rich Interfaces

5 USB + Ethernet, multiple connections



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