

Emperor

EMP-168

Biochemical Analyzer



EMP-168 Biochemical Analyzer

- Professional design assures your convenient operation and accurate measurement.
- Friendly man-machine conversation interface based on built-in Windows CE.NET.
- Touch screen, external keyboard and mouse supported.
- Measure methods include End-point, Two point, kinetic, reagent blank sample blank, immunity nephelometry, and multiple selectable calibration methods, such as multi-standards, linear or non-linear calibration curves etc).
- Perfect QC function including multifold QC graph, QC parameters calculation, dual-level QC and out of control alarm.
- Power-on auto check and malfunction alarm.
- Real-time display absorbance curve.
- Prolonged light source and filter life by intelligent light source protection.
- Communicate with PC by RS232 or Ethernet, supporting software upgrade.
- Automatically check if the flow cell or Cuvette is in position.

Technical Specifications

Wavelengths	340nm, 405nm, 505nm, 546nm, 578nm, 620nm, 670nm and one for optional
Wavelength accuracy	±1nm
Half band width	8nm
Light source	Halogen-lungsten lamp, 6V/10W
Flow cell	32µl quartz/metal flow cell
Absorption range	0.000~3.000Abs
Resolution	0.001Abs
Linear of absorbency	r>0.999
Cross contamination rate	≤1%
Minimum measuring volume	250µl
Absorbency repeatability	CV<0.5%
Operation temperature	Normal temperature, 25℃, 30℃, 37℃.
Temperature accuracy	±0.1℃
Memory	200 test programs, over 100,000 test results
Display screen	7" TFT LCD display (standard) 7" touch screen (optional)
Printers	Built-in thermal printer, Laser printers and ink jet printers based on standard PCL (Print control language)
Interface	RS-232, 4 USB ports, Ethernet network port, SD port
Power requirements	AC 100~250 volts, 50~60Hz
Dimensions	420 (L) X 310 (W) X 152 (H)
Net weight	7 Kg

Emperor

EMPEROR ELECTRONIC TECHNOLOGY CO., LTD.