BioLAB

PRODUCT CATALOG



# AUTO CHEMISTRY ANALYZER BEM-40601

CE ISO9001 CERTIFIED

www.biolabscientific.com

# AUTO CHEMISTRY ANALYZER BEM-40601

AUTOMATIC CHEMISTRY ANALYZER



1. 49 sample positions
2. 56 reagent positions.
3. 120 reaction cuvettes.
4. 400 tests per hour.
5. Probe with anti-collision function, liquid level detection function.

## SPECIFICATIONS

| Model | BEM-40601 |
|---|---|
| OverallPerformance : | |
| Throughput | 400 Tests/hour, ISE(Optional) |
| Analysis Method | End-point, Fixed-time, Rate(Kinetic), Turbidimetry |
| Certificates | CE, FDA, ISO9001, ISO14001, ISO13485 |
| System | Optional open or close system, continuous working for 24 hours |
| Sample&Reagent System : | |
| Sample Positions | 49 sample positions |
| Reagent Position | 56 reagent positions |
| Sample Volume | 2~70μl |
| Reagent Volume | 20~350μl |
| Probe | With anti-collision function, liquid level detection function |
| Probe Washing | Automatic washing interior and exterior |
| Reagent Cooling | 2~12℃ for 24 hours |
| Reaction System : | |
| Temperature Control | 37±0.2℃, real-time monitoring |
| Cuvettes | 120 reusable cuvettes |
| Mixer Probe | Independent stirring, automatic frequency conversion |
| Washing | Automatic cuvettes washing |
| Optical System : | |
| Light Source | Halogen lamp, water-cooling |
| Spectrophotometry | Post-spectral spectrophotometry |
| Wavelength | 340~800nm, <±1nm |
| Absorbance | 0~3.5Abs |
| Calibration&QC : | |
| Calibration | Linear: K factor, 1-point, 2-point and multipoint linearNon-Linear: Spline, Polygon, Index, Ogarithm, Logit-4P, Logit-5P |
| Quality Control | Real-time QC, Westgard multi rule, Cumulative sum check, Twin plot(2D) |
| Data Management : | |
| Software | Windows 7/8/10, 32 or 64 bit |
| LIS System | Bi-direction, support HL7 protocol |

| | |
|---|---|
| Interface | LAN port access |
| Printer | External, multiple reporting mode available |
| Working Conditions : | |
| Power Supply | AC220V±10%, 50/60Hz(Standard)110V±10%, 60Hz(Optional), 650VA |
| Temperature | 15~30℃(±2℃) |
| Water Consumption | Deionized water<11L/h |
| Humidity | 40~85% |
| Size&Weight : | |
| External Size(W*D*H) | 973*645*520mm |
| Net Weight | 96kg |
| Package Size(W*D*H) | 1120*780*1035mm |
| Gross Weight | 141kg |
| Alt Name | Fully Auto Chemistry Analyzer |

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com