

800T/H Auto Chemistry Analyzer BK-1200



Features:

1. 150 Sample positions.
2. 160 Reaction cuvettes.
3. 180 Refrigerated reagent positions.
4. Optical filter/fiber bragg grating selectable.
5. 800 Tests per hour (1200 Tests with ISE module).
6. Built-in sample barcode system optional.
7. Probe with anti-collision function, liquid level detection function.



Reaction Tray
37±0.1°C, water bath



Reagent Tray
2-8°C cooling for 24 hours



Software
User-friendly software



Mixer Probe
Dual mixer, auto frequency adjustment



Sample Probe
Liquid level sensor function Anti collision function Reagent volume real-time detection



Washing Probe
Dual design, high efficiency

Parameters:

| Model | BK-1200 | |
|-------------------------|-----------------------|--|
| Overall Performance | Throughput | 800 Tests/hour, 1200 Tests/hour with ISE(Optional) |
| | Analysis Method | End-point, Fixed-time, Rate(Kinetic), Turbidity |
| | Certificates | CE, FDA, ISO9001, ISO14001, ISO13485 |
| | Sample Positions | 150 sample positions |
| Sample & Reagent System | Reagent Positions | 180 reagent positions |
| | Sample Volume | 2-70µl |
| | Reagent Volume | 20-350µl |
| | Probe | Teflon coating, with anti-collision function, liquid level detection function |
| Reaction System | Probe Washing | Automatic washing interior and exterior |
| | Reagent Cooling | Refrigerated tray with independent switch |
| | Temperature Control | Water bath, 37±0.1°C, real-time monitoring |
| | Cuvettes | 160 reusable cuvettes, optical length 6mm |
| Optical System | Mixer Probe | Independent stirring |
| | Washing | Automatic cuvettes washing |
| | STAT Function | YES |
| | Light Source | 12V/20W halogen lamp/fiber bragg grating optional |
| Calibration & QC | Spectrophotometry | Post-spectral spectrophotometry |
| | Wavelength | 12 wavelengths from 340-800nm |
| | Absorbance | -0.3~3.3Abs |
| | Calibration | Linear: K factor, 1-point, 2-point and multipoint linear Non-Linear: Spline, Polygon, Index, Ogarithm, Logit-4P, Logit-5P |
| Data Management | Quality Control | Real-time QC, Westgard multi rule, Cumulative Sum Check, Twin Plot(2D) |
| | Software | Windows 7/8/10, 32 or 64 bit |
| | LIS System | Bi-direction, support HL7 protocol |
| | Interface | LAN port access |
| Working Conditions | Printer | External, multiple reporting mode available |
| | Power Supply | AC220V±10% 50/60Hz, 110V±10% 60Hz, 1500W |
| | Temperature | 10-30°C |
| | Water Consumption | Deionized water: 20L/H |
| Size & Weight | Humidity | 30-80% |
| | External Size (W*D*H) | 1360*791*1157mm |
| | Net Weight | 286kg |
| | Package Size (W*D*H) | 1718*929*1434mm |
| | Gross Weight | 390kg |