

# 200T/H Automatic Chemistry Analyzer BK-280 (Previous BK-200)



### Features:

- ①. 49 Sample positions.
- ②. 56 Reagent positions.
- ③. 120 Reaction cuvettes.
- ④. 200 tests per hour.
- ⑤. Probe with anti-collision function, liquid level detection function.



**Reaction Tray**  
37±0.2°C,  
real-time monitor.



**Mixer Probe**  
Teflon coating to avoid  
cross contamination.



**Reagent Tray**  
2~8°C cooling  
for 24 hours.



**Sample Needle**  
Liquid level sensor function.  
Anti-collision function. Reagent  
volume real-time detection.



**Software**  
User-friendly  
software.



**Washing Probe**  
Independent 5-step  
washing system.

### Parameters:

| Model                   | BK-280                |  |
|-------------------------|-----------------------|--|
| Overall Performance     | Throughput            | Constant Speed 200 Tests/hour Max Speed 280 Tests/hour   |
|                         | Analysis Method       | End-point, Fixed-time, Rate(Kinetic)   |
|                         | Certificates          | CE, FDA, ISO9001, ISO14001, ISO13485   |
| Sample & Reagent System | Sample Positions      | 49 sample positions  |
|                         | Reagent Positions     | 56 reagent positions   |
|                         | Sample Volume         | 2~70µl   |
|                         | Reagent Volume        | 20~350µl   |
|                         | Probe                 | Teflon coating, with anti-collision function, liquid level detection function  |
|                         | Probe Washing         | Automatic washing interior and exterior  |
|                         | Reagent Cooling       | Refrigerated tray with independent switch  |
| Reaction System         | Temperature Control   | 37±0.2°C   |
|                         | Cuvettes              | 120 reusable cuvettes, optical length 6mm  |
|                         | Mixer Probe           | Independent stirring   |
|                         | Washing               | Automatic cuvettes washing   |
|                         | STAT function         | YES  |
|                         | Optical System        | Light Source   |
| Spectrophotometry       |                       | Post-spectral spectrophotometry  |
| Wavelength              |                       | 340, 405, 450, 480, 505, 546, 570, 600, 630, 700, 750, 800nm   |
| Absorbance              |                       | 0~3.0Abs   |
| Calibration & QC        | Calibration           | Linear: K factor, 1-point, 2-point and multipoint linear<br>Non-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   |
|                         | Printer               | External, multiple reporting mode available  |
| Working Conditions      | Power Supply          | AC220V±10% 50/60Hz, 110V±10% 60Hz, 300W  |
|                         | Temperature           | 15~30°C  |
|                         | Water Consumption     | Deionized water: 5L/H  |
| Size & Weight           | Humidity              | 40%~85%  |
|                         | External Size (W*D*H) | 950*603*510mm  |
|                         | Net Weight            | 65kg   |
|                         | Package Size (W*D*H)  | 1085*700*1012mm  |
|                         | Gross Weight          | 140kg  |