

zygon

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ZCA-100 AAA

**AUTOMATIC CHEMISTRY
ANALYSER**



Automatic Chemistry Analyser

Specifications

ZCA-100 AAA

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|---------------------|---|
| Overall Performance | 200 Tests/hour |
| Analysis Method | End point, Fixed-time, Rate(Kinetic), Turbidimetry |
| Certificates | CE, FDA, ISO9001, ISO13485 |
| Sample Positions | 37 sample positions |
| Reagent Positions | 28 reagent positions |
| Sample Volume | 2~70 μ l |
| Reagent Volume | 20~350 μ l |
| Probe | Teflon coating, with anti-collision function, liquid level detection function |
| Probe Washing | Automatic, washing interior and exterior. |
| Reagent Cooling | Refrigerator tray with independent switch |
| Temperature Control | 37 \pm 0.2 $^{\circ}$ C |
| Cuvettes | 48 reusable cuvettes, optical length 6mm |
| Mixer Probe | Independent stirring |
| Washing | Automatic cuvettes washing |
| STAT Function | Yes |
| Light Source | 6V/10W halogen lamp |

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|-----------------------|---|
| Spectrophotometry | Post-spectral spectrophotometry. |
| Wavelength | 340, 405, 450, 510, 546, 578, 630, 700nm |
| Absorbance | 0~3.0 Abs |
| Calibration | Linear: K factor, 1–point, 2–point and multipoint linear Non-linear: Spline, Polygon, Logit-4P, Logit-5P |
| Quality Control | Real-time QC, Westgard multi-rule, Cumulative sum check, Twin Plot (2D), Daily QC, Monthly QC |
| Software | Windows 7/8/10, 32 or 64 bit |
| LIS System | Bi-direction, support HL7 protocol |
| Interface | LAN port access |
| Printer | External optional, multiple reporting modes available |
| Power Supply | AC220V±10%, 50/60Hz, 110V±10%, 60Hz, 300W |
| Temperature | 15~30°C |
| Water Consumption | Deionised Water: <5L/H |
| Humidity | 40%~85% |
| External Size (W*D*H) | 625 x 425 x 460 mm |
| Net Weight | 36kg |
| Package Size (W*D*H) | 750 x 560 x 900 mm |
| Gross Weight | 55kg |