OBio BA330

Auto Chemistry Analyzer

Technical specifications

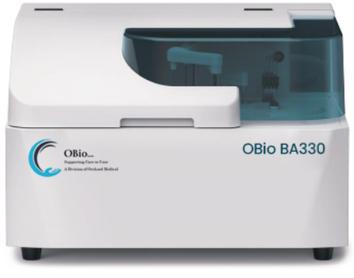
Equipment type	Fully automatic,random access,Discrete,STAT sample priority
Throughput	Constant for 330T/H,up to 490T/H with ISE
Measuring principles	Colorimetry,Turbidimetry
Methodology	End-point,Fixed-time,Kinetic
Reagent/Sample tray	50~100 positions for reagents,50~100 positions for samples
Sample volumne	1.5~45μL,step by 0.1μL
Reagent volume	10~240μL,step by 1μL
Reagent/Sample probe	Liquid level detection,Vertical collision protection,inventory checking,Sample clog detection（Optional）
Automatic sample dilution	Pre-dilution and post-dilution
refrigerated compartment	24-hour uninterrupted refrigeration
Mixing Unit	Independent mixing bar
Reaction tray	68 reusable cuvettes
Reaction volume	70-315μL
Reaction temperature	37±0.1℃
Cuvette Detergent	An alkaline cleaning solution,with Remaining alarm function
Cuvette Washing	3*4 automatic washing
Waste water treatment	High and low concentration shunt,with Remaining alarm function
Built-in Bar Code Reader (Optional)	Applicable to sample and reagent bar code,code system:Codabar, ITF (Interleaved Two of Five), code128, code39, UPC/EAN, Code93
ISE Unit（Optional)	K+,Na+,CL-
Light Source:	Halogen lamp
Wavelength:	340nm, 405nm, 450nm, 505nm, 546nm, 578nm, 630nm, 700nm； 4 Wavelengths Can be added (Optional)
Calibration modes	K factor, Two points linear, multi-pointslinear, Spline, Line graph, Exponential, Logit-Log3P, Logit-Log 4P, Logit-Log 5P
QC Rules	Westgard、Levey-Jennings、Cumulative sum check、Twin plot
Operation system	Windows10、Windows11
System connection	TCP/IP network connection
Water consumption	13L/hour (maximum)
Power Supply	100~240V, 50/60Hz
Dimension	750mm×680mm×507mm
Weight	95KG

OBio...
Supporting Care to Cure
A Division of Orchard Medical

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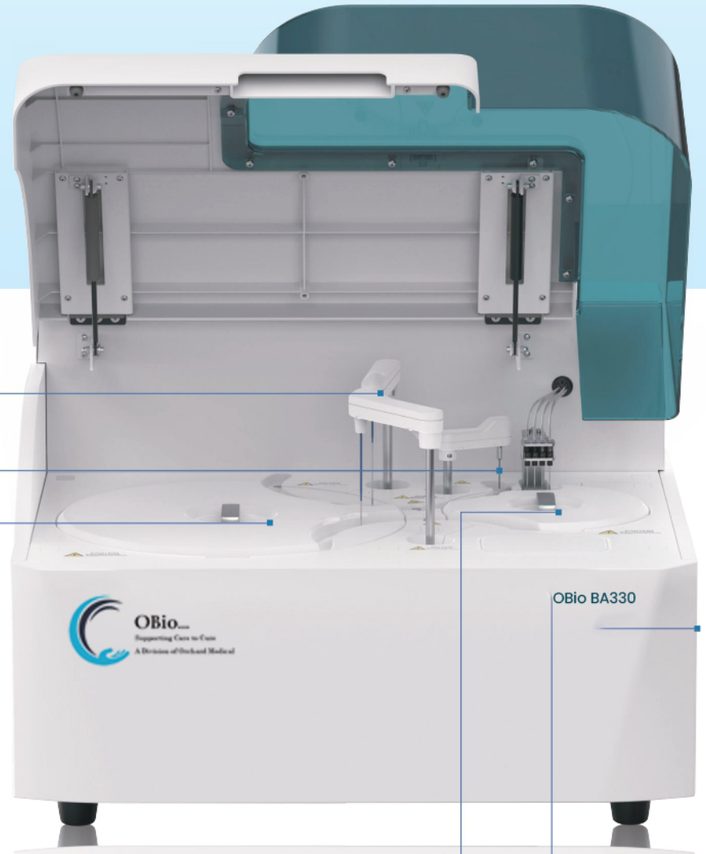
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Advanced operating system

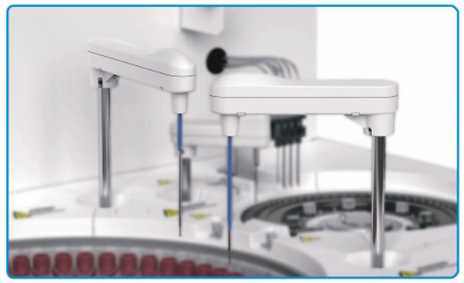
- User friendly software interface, simple & easy to operate
- Sample automatic dilution(decrease, increase, normal)
- Reaction result automatic checking and warning, calibration result automatic checking, warning alarm log
- Linear & nonlinear calibration, multi-points calibration up to 8 points
- Multi quality control rule, westgard, L-J plot & cumulative





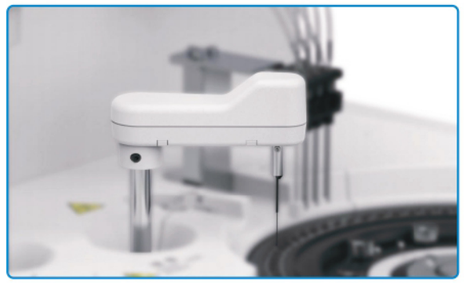
Smart glycated hemoglobin (HbA1c) test function with whole blood

- Load whole blood directly, automatic preparation of hemolysate
- Excellent result repeatability



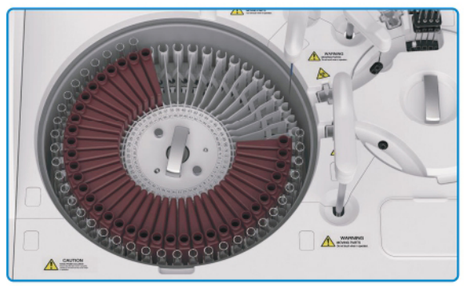
Multifunctional Precision Sampling Probe

- External & internal mirror polish, external & internal probe washing (reduce carry-over)
- Liquid level detection, volume tracking, probe clot detection (optional)
- Collision protection
- Automatic probe depth adjusting



Excellent Mixer Design

- Teflon coating mixer, reduce water droplet (reduce carry-over)
- Excellent mixing effect with standard mixing procedure



Reagent & Sample Tray

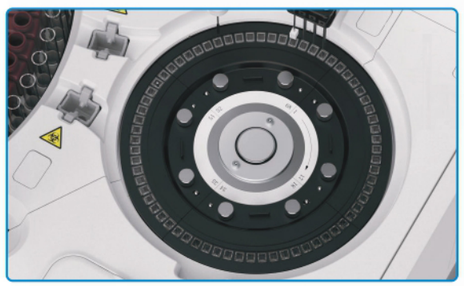
- 50~100 sample positions
- 50~100 reagent positions
- Pre-dilution and Superlinear automatic dilution
- 24 hours uninterrupted refrigeration

Chemistry Reagents



Reaction Tray

- 68 reusable cuvettes
- Reaction Volume 70~315μL
- Stable & accurate temperature (37±0.1 ℃) for reaction



High Precision Ceramic Syringe

- Permanent ceramic piston
- Accurate dispensing as low as 0.1 μL

