CORALYZER Junior ™

Fully-auto Chemistry Analyzer

Multifunctional Precision Sampling Probe

External & internal mirror polish, external & internal probe washing.

Dedicated sampling probe equipped with sensitive liquid sensor, timely feedback of reagent & sample residuals.

Collision protection, automatic probe depth adjusting.

Excellent Mixer Design

Teflon coating mixer. No water dropping(reducing carry-over).

Excellent mixing effect with standard mixing procedure.

Reagent Tray & Sample Tray

80 reagent positions, 40 sample positions.

Non-stop cooling system with peltier pad inside, 24 hours 2^0C-14^0C.

Bar code reader(optional).

Reaction Tray

44 reaction cuvettes.

Reaction volume as low as 150μl.

Stable & accurate temperature (37 ± 0.1^0C for reaction.

Advanced Operating System

User friendly software interface simple, easy-to-operation.

Sample automatic dilution(decrease, increase, normal).

Reaction result automatic checking and warning, calebration result automatic checking, warning alarm log.

Linear & nonlinear calibration, Multi-points calibration up to 8 points.

Quality control apply to westgard, L-T plot, cumulative.

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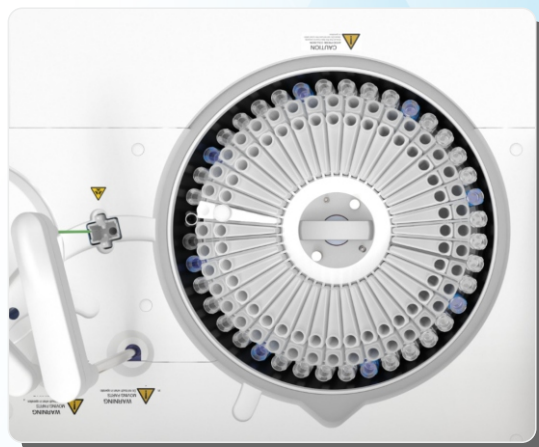

Excellent mixer design

Multifunctional precision sampling probe

Reaction tray

Reagent tray & sample tray

Technical Parameters

Machine type	:	Random access Analyzer
Test speed	:	Constant 100 tests/hour (mono reagent or double reagent)
Test principle	:	Colorimetric method, turbidimetry
Test method	:	1 point end, 2 point end, Fixed-Time, Kinetics
Calibration type	:	Linear & nonlinear
Sample cup type	:	Micro cup & test tube
Sample volume	:	2-30μL, step by 0.1μL
Reagent volume	:	20-300μL, step by 1μL
Reaction volume	:	150μL - 350μL
Reaction time	:	10 minutes
Temperature	:	Peltier pad incubation system, reaction temperature ($37^0C \pm 0.1^0C$)
Size	:	(length x width x height): 750mm x 535mm x 475mm
Chemistry analyzer net weight	:	65Kg
Sound level	:	$\leq$40dB
Absorbance accuracy	:	0.5$\pm$0.025、1.0$\pm$0.07
Absorbance stability	:	$\leq$0.01
Absorbance repeatability	:	$\leq$1.5%
Clinical batch precision	:	ALT$\leq$3%, Urea$\leq$2.5%, TP$\leq$2%