



Chemistry Analyzer EXC200

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A cost-effective choice dedicated for small healthcare institutions



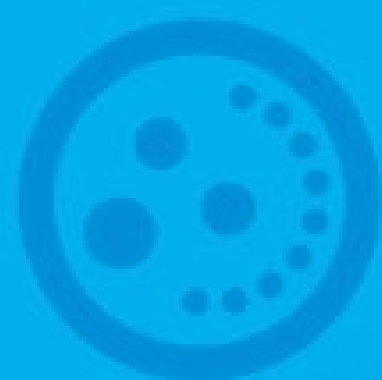
Chemistry



Chemistry Analyzer EXC200

(An automated desktop chemistry analyzer dedicated for small healthcare institution)

EXC200 is an optimal compact desktop clinical chemistry solution which offers a maximum throughput of 200 T/H. With a comprehensive test menu and easy integration of STAT samples, EXC200 is an ideal clinical solution for small healthcare institution. What's more, the HD screen guarantees your easy and intuitive operation. High quality components from top manufacturer as well as low cross contamination rate ensure the stability of the system, meanwhile low water consumption offers cost-effective value.



Function



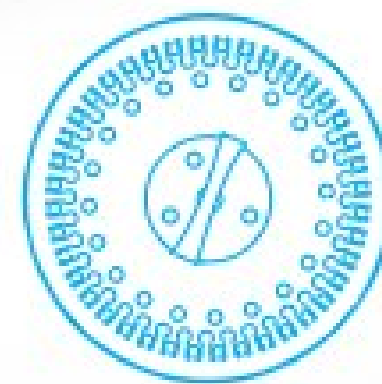
User Friendly

- Integrated design combines operation system with the analyzer
- Colorful touch screen and intuitive user-friendly navigation menu
- Waste with high concentration and low concentration are discharged separately, more environmentally friendly
- Support various sample tube types
- Various sample types are available
- Matched with around 100 testing items



Economic Usage

- Lower reaction volume: 90 μL
- Less water consumption: 5 L/H
- Precise reagent absorption with step by 0.5 μL
- Semi-permanent plastic cuvette and permanent quartz cuvette optional



Excellent Performance

- 24-hour non-stop cooling to keep reagent in good condition
- High pressure wash probe both inside and outside to keep low carry-over : $\leq 0.005\%$
- Probe designed with liquid detection, auto-depth adjustment and collision protection
- Key parts imported from top suppliers
- Advanced absorbance reading with the linearity is 0-4.0 Abs
- Post spectrophotometry optical system to make a more reliable result

Assay Menu

Zybio offers over 100 kinds of chemistry parameters, covering hepatic, renal, cardiac&cardiovascular, diabetes, coagulation, inflammation, pancreatitis, etc. Besides reagents for our own chemistry analyzer, we also provide customized reagents matching other brands. Flexible package can be customized according to client requirements.

- Ready to use
- Stable liquid
- Comprehensive menu
- Bulk package available upon request

Hepatic Panel
ALB, TP, DBIL, TBIL, AST, ALT, ALP, GGT, TBA, PA, CG, ChE, 5'-NT, m-AST, GLDH, LAP, MAO, FN, ADA, GR, AAT, HAP
Renal Panel
UREA, UA, CREA, Cys C, RBP, α 1-MG, UTRF, β 2-MG, NGAL, NAG, mALB
Lipids Panel
CHOL, Apo A1, Apo B, Apo E, NEFA, TG, LDL-C, HDL-C, Lp(a)
Cardiac & Cardiovascular Panel
ACE, LDH, LDH1, CK, CK-MB, α -HBDH, MYO, cTnI, H-FABP, hs-CRP, HCY, Lp-PLA ₂ , MPO
Diabetes
GLU, HbA1c, GA, GSP, LAC
Tumor
PGI, PGII, SA, Fer
Coagulation
D-D, FIB, FDP
Specific Proteins
IgA, IgG, IgM, IgE, C3, C4, C1q, CSF/UTP, TRF, SOD
Rheumatic & Rheumatoid Panel
anti-CCP, RF, ASO
Electrolytes
Fe, Zn, CO ₂ , Ca, P, Mg
Inflammation
PCT, SAA, CRP
Pancreatitis
α -AMY, LPS

Specification

General Feature	
Throughput	200 T/H for single reagent; 160 T/H for dual reagents
Methodology	End point, Fixed-time (two point), Kinetic
Principle	Absorbance photometry, Turbidimetry
Programming	Open/close system(optional)
Optical System	
Light source	Halogen-tungsten lamp
Wavelength	(340-800) nm, in total 12 wavelengths
Absorption range	0-4.0 Abs
Resolution	0.0001 Abs
Sample System	
Sample capacity	40 positions
Sample volume	2 μL -50 μL, step by 0.5 μL
Sample probe	Liquid level detection, auto-depth adjustment, and collision protection
Sample type	Serum, plasma, urine, and CSF
Reagent System	
Reagent capacity	40 positions
Reagent volume	10 μL-400 μL, step by 0.5 μL
Reaction System	
Cuvette	63 cuvettes with 5mm optical path diameter
Reaction volume	90 μL-450 μL
Reaction temperature	37± 0.2 °C
Cuvette Washing	
6-step washing station	
Control	
Control type	Real-time, within-day, between-day control and etc
Control rule	Westgard
Calibration	
Calibration mode	One-point, two-point, multi-point, Logistic-Log4/5P, Exponential-5P, Polynomial-5P and Spline
Operation System	
Operation system	Windows 10, support LIS
Host interface	RS232, TCP/IP
Others	
Power supply	100-240 V, 50/60 Hz
Cooling way	Constant air cooling
Water consumption	≤ 5 L/H
Dimension(mm)	710(W)×705(D) ×635(H)
Weight	90 kg



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