



Chemistry Analyzer EXC 200

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A cost-effective choice dedicated for small healthcare sites

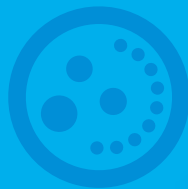


Chemistry

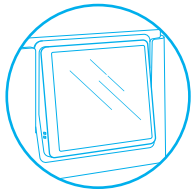


Chemistry Analyzer EXC 200

EXC 200 combines versatile advanced functions that facilitate high quality testing, which is a discrete and random-access clinical chemistry analyzer offering a throughput of 240 T/H for single reagent and 160 T/H for dual reagents. Working with around 100 original chemistry reagents, EXC 200 is an ideal clinical solution for small healthcare sites.

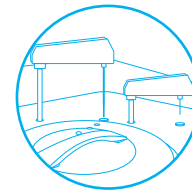


Function



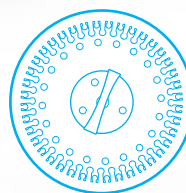
User Friendly

- 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 companies
- Advanced absorbance reading with the linearity is 0-4.0 Abs
- Post spectrophotometry optical system to make a more reliable result

Assay Menu

Zybio is well known as a professional clinical chemistry reagent manufacturer, whose chemistry menu range ranks the top 5 in China. With around 100 chemistry reagents, our assay menu covers hepatic, renal, lipids, diabetes, electrolyte, specific proteins and etc. and matches with calibrators of metrological traceability as well as controls for EXC 200.

- 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-PLA₂, 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, CO₂, Ca, P, Mg

Inflammation

PCT, SAA, CRP

Pancreatitis

α -AMY, LPS

Specification

General Feature

Throughput	240 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 uL -50 uL, step by 0.25 uL
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 uL-400 uL, step by 0.5 uL

Reaction System

Cuvette	63 cuvettes with 5mm optical path diameter
Reaction volume	90 uL-450 uL
Reaction temperature	37± 0.1 °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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Chemistry