



Chemistry Analyzer EXC 200

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A cost-effective choice dedicated for small healthcare sites

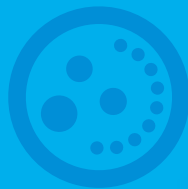


Chemistry

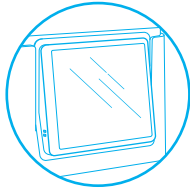


Chemistry Analyzer EXC 200

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 97 original chemistry reagents, EXC 200 is an ideal clinical solution for small healthcare sites.

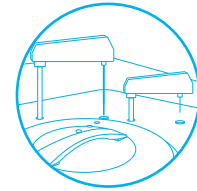


Function



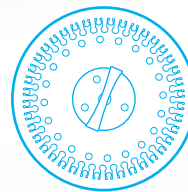
User Friendly

- 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 97 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 97 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, AAG, HAP, AFU

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, sdLDL-C, Lp(a)

Cardiac & Cardiovascular Panel

ACE, LDH, LDH1, CK, CK-MB, α -HBDH, IMA, MYO, cTnI, H-FABP, hs-CRP, HCY, Lp-PLA₂, MPO

Diabetes

GLU, HbA1c, GA, GSP, LAC, β -HB

Tumor

PGI, PGII, SA, Fer

Coagulation

D-D, FIB, FDP

Specific Proteins

IgA, IgG, IgM, IgE, C3, C4, C1q, CSF/UTP, TRF, SOD, IgG4

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 | 65 kg |



Zybio Inc.

Address: Floor 1 to Floor 4, Building 30, No.6 of Taikang Road,
Block C of Jianqiao Industrial Park, Dadukou District, Chongqing, China 400082

Tel: +86-23 6865 5509 Fax: +86-23 6869 9779

Email: info@zybio.com Website: www.zybio.com

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