



Chemistry Analyzer EXC400

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An automated floor stand chemistry analyzer



Chemistry

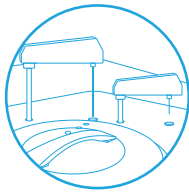


Chemistry Analyzer EXC400

EXC400 is a floor stand automated chemistry analyzer combines versatile advanced functions that facilitate high quality testing, improve turnaround time and cut operating costs. Around 100 original chemistry reagents are now available to meet your different demands. Thus, working with our comprehensive reagent, EXC400 is an ideal solution for mid volume chemistry analysis.

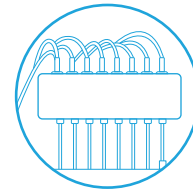


Function



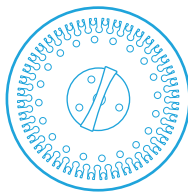
High Efficiency

- No compromised throughput, constant 400 T/H.
- Random prioritize STAT samples.
- Bilateral LIS allows convenient results transfer.
- Results can be printed automatically when sample test finishes.



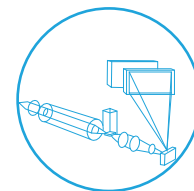
Less Maintenance

- Quartz cuvette (optional) for long-time use.
- Solid heating and automatic cleaning, maintenance-free.
- Daily maintenance guide for probe, mixer, wash station.



Economic Usage

- Reaction volume: 90 μ L- 450 μ L.
- Water consumption: $\leq$ 20 L/H.
- Long-life lamp, up to 2,000 working hours.
- Less detergent for probe.



Reliable Quality

- Advanced grating for absorbance reading.
- 24-hour non-stop cooling to keep reagent in good condition.
- Advanced post spectrophotometry optical system, 12 wavelengths, 340-800nm.
- High pressure wash probe both inside and outside.
- Carry-over<0.005%.

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 EXC400.

- Ready to use
- Stable liquid
- Comprehensive menu
- Cost effective
- 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:	Constant 400 T/H
Methodology:	End point, Fixed-time (two point), Kinetic
Sample capacity:	100 including 5 emergency positions
Sample volume:	1.5-45ul
Sample probe:	Liquid level detection, auto-depth adjustment and collision protection
Probe cleaning:	Interior and exterior automatic probe cleaning
washing carry-over:	<0.005%

Reagent System

Reagent capacity:	80 refrigerated positions
Reagent type:	Liquid, ready-to-use

Reaction System

Cuvettes:	81 plastic cuvettes or quartz cuvettes (optional)
Reaction volume:	90-450 μ l
Reaction temperature:	37°C
Temperature fluctuation:	$\pm$ 0.1°C
Mixing system:	Independent mixer with two heads

Control & Calibration

Control methods:	Real-time, intraday, interday control etc.
Calibration mode:	One-point, two-point, multi-point and logit-log4 P/5 P spline, line-graph method and etc.

Optical System

Light source:	Halogen-tungsten lamp
Wavelength:	340-800nm, in total 12 wavelengths
Linear range:	0~4.0 Abs

Working Condition

Power supply:	100~240V, 50/60Hz
Cooling way:	Constant water cooling
Water consumption:	$\leq$ 20L/H
Dimension (mm):	820(L)*1250(W)*1100(H)
Weight:	250kg

Operation Unit

Operation system:	Windows 10, support LIS
Host interface:	RS232, TCP/IP



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