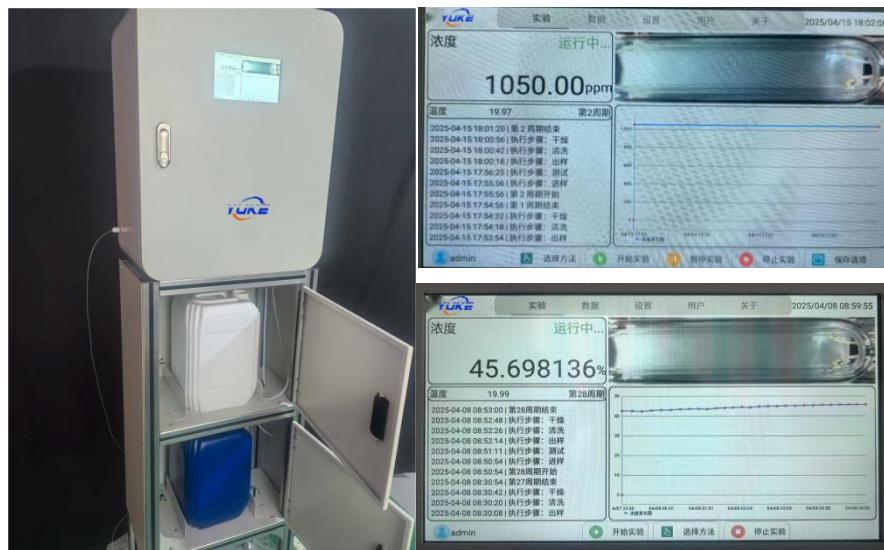0086 16601757347
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Automatic Online Liquid Concentration Meter
YK-XD61G

The YK-XD61G fully automatic liquid density meter is an analytical instrument that utilizes a U-shaped hollow glass tube to rapidly and automatically measure the density of liquid samples through oscillation. The measured density can be converted into concentration and other units according to specific applications.

I. Accuracy, Intuitiveness, and Speed

The YK-XD61G fully automatic liquid concentration meter features accuracy, intuitiveness, and speed. It offers automatic temperature control, real-time video monitoring, and data printing capabilities. With an intuitive interface for quick measurements and on-screen user guidance, it not only simplifies daily tasks but also significantly reduces operator error rates and training time.

II. Easy to Operate

The streamlined interface enables customers to initiate a complete workflow with a single click, including automated sampling, calibration, measurement, rinsing, drying, and SOP execution, with 24/7 fully automated online testing.

III. Error Detection

Observe the measurement results in real time via video to check for bubbles and minimize measurement errors.

IV. Data Storage

With 128GB high-capacity storage, all test data is traceable and historical datasets are fully accessible.

V. Specification data

Model	YK-XD61G
Measuring range （%）	0% – 100% （0 g/cm3 – 3 g/cm3）
Accuracy ± （%）	0.03% （0.0003 g/cm3）
Repetitiveness ± （%）	0.02% （0.0002 g/cm3）
Resolution ratio （%）	0.01% （0.00001 g/cm3）
Temperature control range	10 °C – 65 °C
Temperature control	yes
Measurement unit	Density, specific gravity, concentration
Sampling method	automatic sampling
Custom Formula	yes
Audit trial	yes
MD5 verification	yes

Electronic signature	yes
Export Data	yes
Minimum sample size	30mL
Built-in drying pump	yes
Video Watch	yes
Result limit	yes
User management	three-level
Print	yes
Data storage	yes
Connect function	RS232、USB
Screen Help Text	yes
Language	Chinese / English
Display/User Interface	8-inch color touch display
Power source type	110v-220v 50Hz/60Hz
Outline dimension	Length x Width x Height: 280 x 470 x 1650 mm
Weight	60kg

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