

Liquid Density Balance

Qunlong liquid density balance uses the buoyancy method principle to quickly calculate the relative density of the liquid by measuring the weight of the standard in the air and in the liquid to be measured.

Applicable Fields

Alcohol, flux, essence, blood, sodium chloride, glycerin, electrolyte, diesel, refrigerant, hydrofluoric acid, glue, methylene chloride and other liquids with good fluidity.

Advantage

- ✧ High-sensitivity gold-plated ceramic sensor: fast measurement speed and stable measurement data;
- ✧ Easy to operate: you can quickly measure the density of a liquid in just two steps;
- ✧ Customized standard quartz glass weights;
- ✧ The amount of liquid required for measurement is small, about 50ml;
- ✧ For corrosive liquids, the measuring set can be treated to prevent corrosion.



Technical Parameter

Model	DX-300ND
Weighing Range	0.005-300g
Density Resolution	0.001g/cm ³
Commonly used category	Liquids with linear ratio of concentration value and density can be measured, such as sulfuric acid, nitric acid, salt water, alcohol, sodium hydroxide, hydrochloric acid, ammonia, etc.
Sensor	Gold-plated ceramics force
Sample size	About 50ml (can be customized, at least 10ml)
Measurement Time	About 10s
Setting	set the specific gravity of various weights easily
Communication Interface	Standard RS232 communication interface, which can be connected to printers, PCs and other peripheral devices
Windshield	Transparent acrylic material
Voltage	AC100-240V-50/60HZ,DC 7.5V 600mA
Size	270*310*270mm
Package Size	450*240*460mm
Weight	7.5kg
Standard Accessories	Main unit; Liquid density component; Standard glass weights; Beaker; Manual; Weights, Power transformer
Optional Accessories	Anti-corrosive liquid components; Printer (ordinary model); Printer (with time function);