

XS-120S Multifunctional Solid/Liquid Tester

Suitable for: rubber, plastic, film, cable, glass industry, liquids, additive additives, food research laboratories

Principle: Solid mode: according to ASTM D297-93, D792-00, D618, D891, GB/T1033, JISK6530, ISO

2781 standard. The Buoyancy method of Archimedes principle is used to accurately and directly read the measured values.

Liquid mode: according to GB/T5526, 13531, 15223, 5009, JIS, ISO specifications. Apply A

Kimide's buoyancy method reads out liquid density values quickly and directly.



Solid: Apparent density, mixing ratio, specific gravity & volume change rate

Liquid: Relative density, concentration

Features:

With the function of mixing ratio, the development and research of new materials, the selection of mixing ratio, can directly display the % value.

With the upper and lower limit functions, it can determine whether the specific gravity and concentration of the analyte are qualified or not. There is a buzzer device

With RS-232C computer interface, it can be easily connected to the printer.

The design of the large sink is adopted to reduce the error caused by the buoyancy of the hanging rail line.

It has the functions of specific gravity and volume change rate (time can be set 1, 10, 30, 60SEC).

6. The liquid test mode can compensate for the error caused by air buoyancy.

7. The concentration value of the solution can be directly displayed by the specific gravity value of the measured solution.

Specifications:

Model:	XS-120S	XS-300S	XS-600S
Measuring range:	0.001g~120g	0.005g ~ 300g	0.005g ~ 600g
Solid mode accuracy:	0.0001 g/cm ³	0.001 g/cm ³	0.001 g/cm ³
Liquid mode accuracy:	0.001 g/cm ³ 、 0.1%		
Test time:	About 5 seconds		
Solid mode display value:	Apparent density, specific gravity & volume change rate		
Liquid mode display value:	Relative density, concentration %		
Temperature compensation:	The solution temperature can be set to 0 ~ 49 °C		
Solution compensation:	The solution can be set to 19.999		
Mixed specific gravity:	Sets the mixing ratio function of the two mixtures		
Settings:	The reading time of the density and specific gravity of different mixtures and the rate of change in volume can be set		

Standard accessories: measuring table, integrated molding sink, main machine, windshield, power supply , tweezers, thermometer, particle special gauge, 100g calibration weight, anti-floating frame, operating instructions (Chinese Simplified), liquid mode standard accessories (liquid special rack, glass weight, hook, 50cc beaker, support plate).