

# TOUCH TYPE - TWS-153G/300G LIQUID & CON. DENSITY TESTER



## Suitable for:

Acid Solution, Alkaline Solution, Saline Solution, Anti-oxidant Solution.

## Principle:

According to the standard test method of ASTM E126, GB/T611, ISO 6353, the buoyancy method using the Archimedes principle is applied. The relative density and concentration of the liquid are obtained.

## Function:

It has two sets of weights to set LID1 and LID2:

1. LID 1 - Liquid density measuring mode – use the weight set in the first group - measuring density and concentration of liquid
2. LID 2 - Liquid density measuring mode – use the weight set in the second group-measuring density and concentration of liquid

## Style:



Standard Accessories: Glass Weight  
( Suitable for general acid, alkaline liquid )

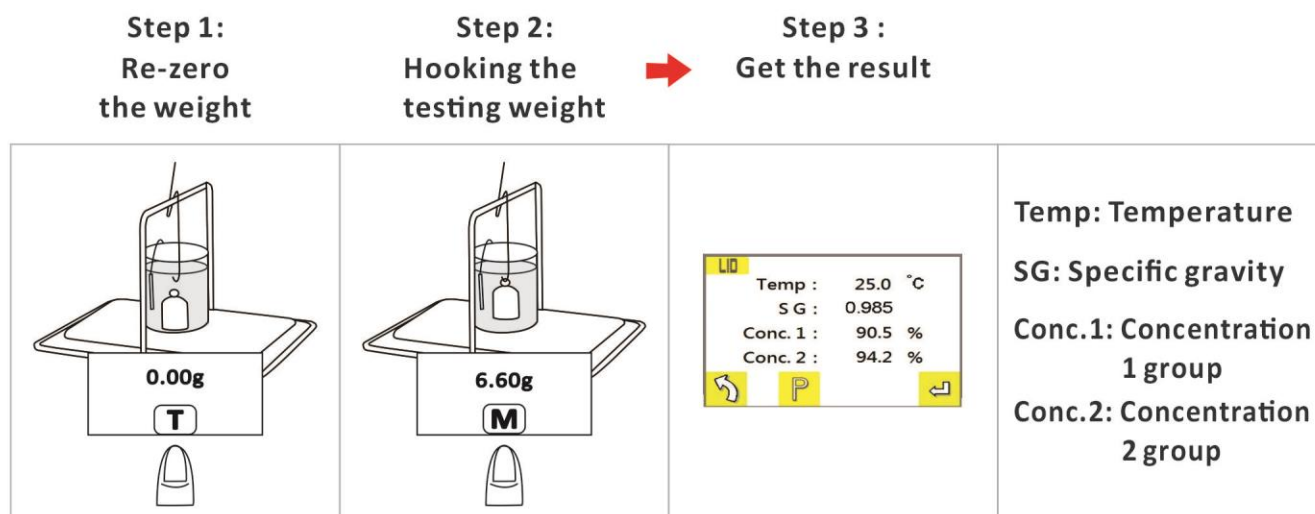


TWS-153/300G

## Specification:

Model	TWS-153G	TWS-300G
Max Weight	150g	300g
Weighing Precision	0.001g	0.01g
Density Precision	0.0001g/cm <sup>3</sup>	0.001g/cm <sup>3</sup>
Relative Density Range	0.0001-2.2000	0.001-2.200
Concentration	0.1%-100.0%	
Function	with temperature sensor. it can measure liquid temperature	

### Testing step:



### Features:

1. Can measure the specific gravity of general liquid, high viscosity, suspension or emulsion and colloidal dispersion.
2. Can work with constant temperature water tank to measure the specific gravity of the liquid at the required temperature.
3. With temperature probe can automatically measure the temperature of the liquid.
4. Just 50cc, the machine can show the liquid density rapidly. Any weight can be as the standard value, easy to operate.
5. With the latest touch screen, simple operation and immediately display all measurement data.
6. With two groups of concentration function. the density solution can be converted into a concentration value.
7. With upper and lower limit functions, you can determine whether the specific gravity of the test object is qualified or not. This machine is equipped with a buzzer device.
8. According to the characteristics of the liquid, you can purchase the required weight set you need.
9. Teflon weight set can measure the specific gravity of hydrofluoric acid liquid.
10. With the RS-232C / USB computer interface, it can be easily connected to a PC and printer.

### Optional Accessories:

