

# **SOLID & LIQUID DENSITY TESTER**

MADE IN TAIWAN

# **INDUSTRIAL STANDARD TWS-300S**

### Features:

- 1. Upgrade from LCD to Touch Screen display.
- 2. Upgrade from Analog key pad to Digital Switch.
- 3. Upgrade from Temperature detection setting by manual to automatic.
- 4. USB and RS-232 can easy to connect to the printer or PC.

### Solid .

**Application**: Rubber, plastic, electric wire, hard alloy, new materials research lab.

**Principle**: Referring to the standards of ASTM, JIS, ISO and by applying the buoyancy of the object immersed in the liquid and hydrostatics principle, the density, volume, mixture ratio of dense solid materials can be showed.

### Liquid:

Application: Chemical industry, food industry, medical industry, research laboratory etc.

**Principle**: In accordance with ASTM, JIS, ISO standards, and by adopting the buoyancy method of Archimedean principle, the S.G and concentration of liquid can be showed rapidly.

## **SOLID MODE**



# LIQUID MODE



### Display screen



# **0.00** g

### Specifications:

Model	TWS-300S	
Mode	Solid	Liquid
Weighing range	0.01g - 300g	
Weighing Precision	0.01g	
Density precision	0.001g/cm <sup>3</sup>	0.001 g/cc
Density range	>1, <1 both can be measured	
Concentration precision	X	0.1%-100.0%

# Optional Equipment:

A. Stainless steel weight



B: Acid and alkali resistant weight



C: Printer

