TOUCH TYPE- TWS-214/215E
HIGH PRECISION SOLID DENSITY TESTER

MatsuHaku 瑪芝哈克
Made In Taiwan

Suitable for:

Tiny plastic particles, high-density cemented carbide, additives, glass, rubber, plastic, film, wire, cable and new materials.

Principle:

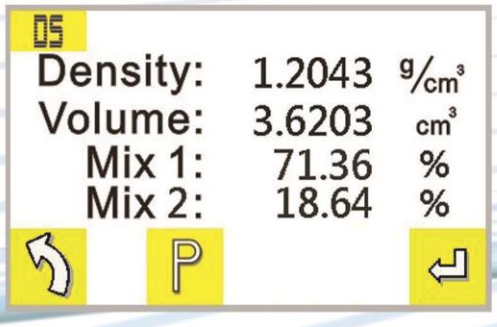
According to **ASTM D297-93, D792-00, D618, D891, JIS6530, ISO2781** international standards. By adopting the buoyancy method of Archimedes principle . And the density, volume, mixture ratio can be showed directly.

Function:

It has three modes:

1. Density measuring mode DS - measuring density and volume.
2. Mix ratio density measuring mode Mix1- it can get the proportion of the main material.
3. Mix ratio density measuring mode Mix2- it can get the proportion of the second material.

Style & Result:



Specification:

Model	TWS-214E	TWS-215E	
Max weight	0~210g	0~42g	42~210g
Weighing Precision	0.0001g	0.00001g	0.0001g
Density Precision	0.0001g/cm³	0.00001g/cm³	
Volume Precision	0.0001m³	0.00001m³	
Mixing Ratio 1	0.01%		
Mixing Ratio 2	0.01%		

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Feature 1 :

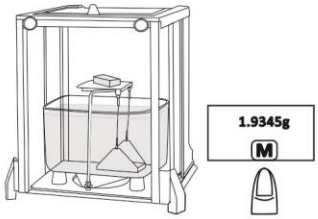
Highlights Analysis Chart

1. The size of the testing table is : 61 × 63mm
2. Large tank design The internal space size is 148 × 100 × 84mm
3. Infrared temperature sensor
4. Easy handle
5. Water level

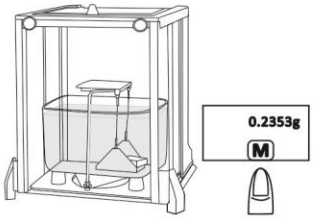
4. Fixed glass windshield, stable resistance to external environmental variables affecting the measurement process
5. The water hanging basket size is 56 × 76mm
6. Internal adjustment weight
7. The 5-inch large-size touch screen, simple operation and clear testing data

Testing step:

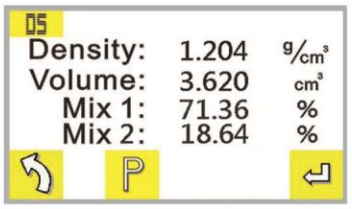
Step 1: Testing air weight



Step 2 : Testing water weight



Step 3 : Get the result



Features 2:

1. It can measure the specific gravity of solid, granule and floating bodies.
2. With the function of solution compensation.
3. With Infrared temperature sensors can automatically detect water temperature and automatically compensate for water temperature.
4. With the RS-232C computer interface, it can be easily connected to a PC and printer.
5. With the latest touch screen, simple operation and immediately display all measurement data.
6. With the function of mixing ratio, measure the ratio of the main materials in the two mixed materials. For example: Use the setting of the mixing ratio to calculate the glass fiber content.
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. The large tank design is adopted to reduce the error caused by the buoyancy of the hanging rail.