



ISO9001
JQA-2834 TSUMUBA

ViBRA

Amazing Precision and Performance ! Unique Test-tank & Housing-architecture

New

Patent Pending

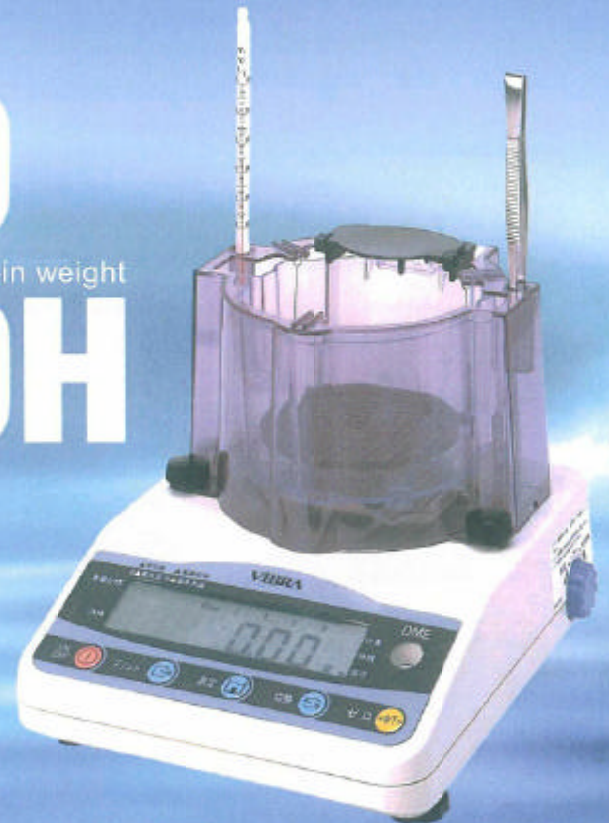
- **Relative Density measurement for the Rubber & Plastics** Suitable for the quality control!
- Test-tank & Housing-architecture **Protected the measuring against Over-load and Wind.**
- Tuning-fork sensor adopted to the Subaru telescope (most accurate optical telescope) is used.
Realize High Quality and High Precision 0.01g
- Change the weighing-pan, could be used as **Precision balance 600g/0.01g.**
- High-accurate weighing is maintained by built-in reference weight. *DME-220H only

Electronic Density meter

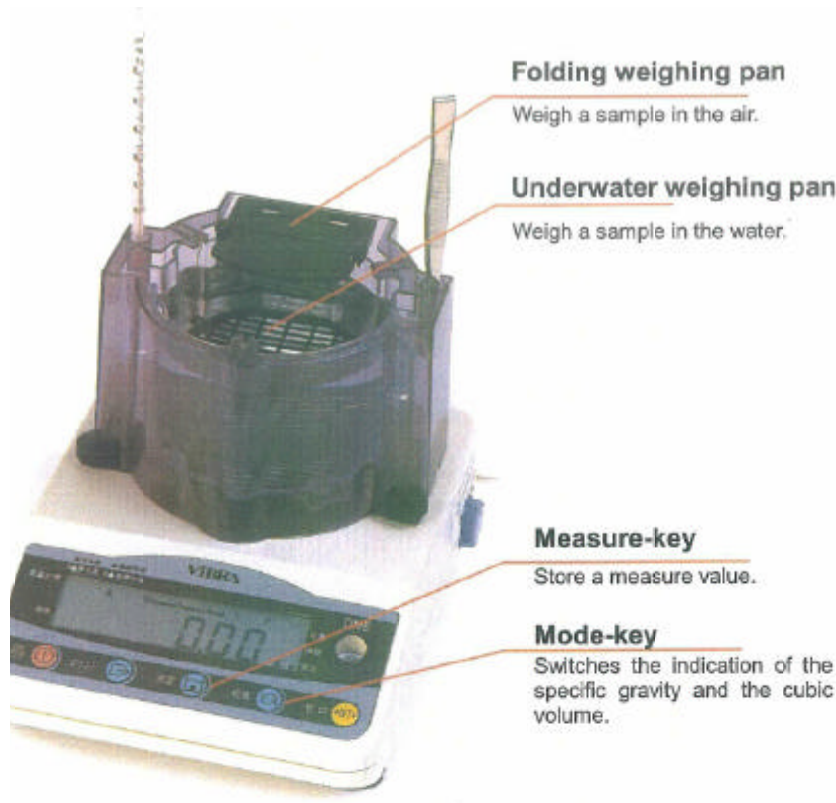
DME-220

Built-in weight

DME-220H



SHINKO DENSHI CO., LTD.



Folding weighing pan
Weigh a sample in the air.

Underwater weighing pan
Weigh a sample in the water.

Measure-key
Store a measure value.

Mode-key
Switches the indication of the specific gravity and the cubic volume.



- Accessories**
- ① Housing
 - ② Test-tank
 - ③ AC adaptor
 - ④ Underwater sample Holder
 - ⑤ Tweezers
 - ⑥ Thermometer
 - ⑦ Pan guide
 - ⑧ Weighing-pan
 - ⑨ Pan base
 - ⑩ Cal. Weight (DME-220 only)

Change the weighing-pan, it can be used as usual precision electronic balance.

1 The water temperature measuring and storing

Do the measurement of the water temperature. Then, set it to the balance. Accurate Relative Density measurement is done by the compensation by the reference water temperature.



2 Weigh a sample in the air, and storing

Load the sample on the Folding weighing-pan. When the weight in the air is indicated, push the Measure-key, and store to the balance the weight data.



3 Weigh a sample in the water, and storing

Load the sample on the underwater Weighing-pan. When the weight in the water is indicated, push the Measure-key, and store to the balance the weight data.



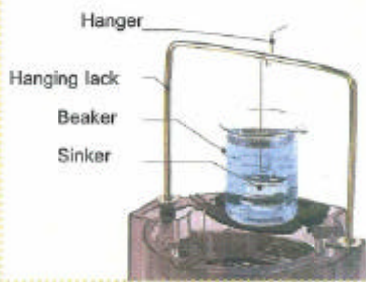
4 The Relative density and volume indication

The value of the relative density and the volume can be seen with the Mode-key. The delta mark points the symbols of the relative density or the volume on the display panel.



Model	DME-220	DME-220H
Capacity (density measurement)	220 g	
Capacity (weight measurement)	600 g	
Readability	0.01 g	
Measuring method	Underwater Replacement Method (JIS Z8807)	
Readability(density)	0.01	0.001/0.01
Readability(volume)	0.01 cm ³	0.001/0.01 cm ³
Hydrometer option	Not-available	Option
Data store condition	Fixed condition	3 type selectable
Calibration	External Ref. Weight	Built-in Weight
Printer Output	Standard	
Size	230 x 180 x 170 mm	

Hydrometer Kit. (Option)



In case of the lighter sample than the water

Cover the sample with attached Underwater Sample Holder, and measure it.



Option
RS-232C Output, Rechargeable Battery (12 Hour Charged, 32 Hour Operable), Hydrometer Kit (For DME-220H only)

* Battery can't be used with the output at same time.

The contents of this catalogue are subject to change due to modifications and/or other reasons.

SHINKO DENSHI CO., LTD.

3-9-11 YUSHIMA, BUNKYO-KU, TOKYO 113-0034
TEL : 81-3-3835-4577 FAX : 81-3-5818-6066
JRL : <http://www.vibra.co.jp> E-mail : shinko@vibra.co.jp

● Distributed by: