

Specifications

Model name	MD 83
Measurement format	Evaporation weight loss method
Readability moisture content	0.01% / 0.1% *1
Repeatability with 5g sample	0.1% *2
Measurement range	0~100% (wet base, solids) 0~500% (dry base)
Maximum sample weight	80g
Minimum sample weight	1g
Readability of balance	0.005g
Measurement mode	Automatic operation mode, Timed operation mode
Temperature range	30 - 200 °C
increment in temperature	1°C
Display	LCD with backlit (96x40 mm)
Output	RS232C
Storage of measurement conditions	5
Heat source	Organic carbon heater (140Wx2)
Power supply	AC100~120V/220~240V
Power consumption	Max. 560W
Weight	3.2kg
Physical dimension	222x360x196 mm
Sample pan	Stainless steel (110mm dia., 11mm depth)
Items included	Sample panx2, sample pan handler, windshield, sample panbase, spoon and spatula set, sample aluminum sheetx10, power cord 3P-2P plug, operation manual
Option	Printer (VZ-330), sample aluminum sheet deodorizing windshield (FW-100), sample crusher (TQ-100), data logger software FDL-02)

*1 0.01% unit is displayable only.
*2 standard deviation



Printer (VZ-330)



sample aluminum sheet



deodorizing windshield (FW-100)



sample crusher (TQ-100)



MD Series

Moisture Determination Balance

Adaptability.
Simplicity.
Reliability.

for routine moisture analysis
in laboratory and
manufacturing process

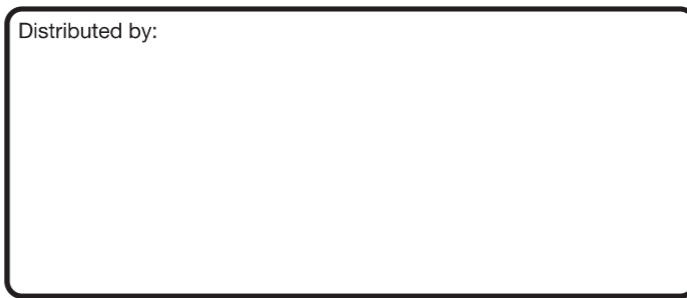


The contents of this catalogue are subject to change due to modifications of products and/or other reasons.

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SHINKO DENSHI CO., LTD.

Sophisticated weighing solution for lab professionals

MD Series

Moisture Determination Balance

Adaptability.

VIBRA MD series can be available for moisture analysis of various objects and various locations. Unique organic carbon heater has strong power and is environmentally correct heat source.

Simplicity.

VIBRA MD series has automatic measurement mode in which MD monitors the drying process and automatically stops the operation. And the structure is quite simple that daily cleaning and maintenance are easy.

Reliability

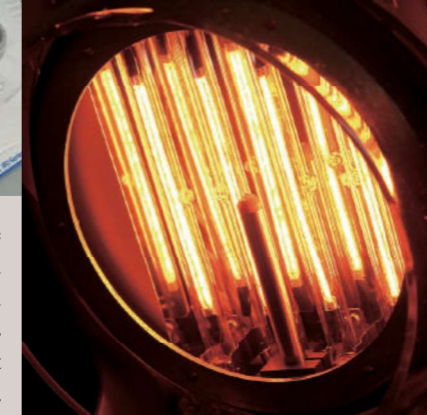
No other factor is more important than reliability in measurement performance. Combination of auto-taring system and newly developed organic carbon heater realize excellent repeatability in measurement results.

Simple structure - easy to clean

The simple structure of MD series allows the users to clean and do maintenance work easily when the liquid/powder samples are spilled over. It ensures long product life time.



Newly adopted, organic-carbon heater



Strong heat power and long life time are consistent in organic-carbon heater. Even when you need to replace heater as maintenance work you can do it manually without any tools.



Fast drying, high repeatability

The strong heat power is delivered uniformly to samples. It achieves short drying time and high repeatability. The operation time in routine work can be reduced while quality of the works is maintained.

Connection to outside devices

VIBRA MD series has RS232C output as standard feature. The measurement results can be printed by optional printer VZ-300 through RS output. It can be stored in PC with optional data-logger software FDL-02, too.



Alert signal

Red alert signal is blinking during heating process. You can immediately notice when the measurement is completed.

Clear, bright and large LCD display



LCD display is clear, bright and large. It reduces the reading error during measurement operations even in tough working environment.

