

Moisture Balance

Model : SDMD83

SDMD83 moisture balances provide a rapid and accurate method for analysing the moisture content and dry weight of a wide range of products and materials. The organic-carbon heater delivers exceptional performance of drying time and repeatability.

FEATURES

- extended 5 year warranty
- very simple structure ensures the balance is easy to clean and maintain if any liquid/powder samples are spilled
- organic-carbon heater delivers strong heat and longevity
- RS232 allows peripheral devices to be connected easily
- strong heat for fast drying time and high repeatability
- red alert signal whilst drying makes it very easy to see when the process is complete
- large, clear LCD display
- includes; sample pan x 2, sample pan handler, windshield, sample panbase, spoon and spatula set, sample aluminium sheet x 10, power cord 3P-2P plug, operation manual

SPECIFICATIONS

Capacity: 80 g
Readability: 0.005 g
Dimensions (mm): 222 (W) x 360 (D) x 196 (H)

Refer to page 2 for additional specifications



WEIGHING SCALES

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Specifications may change without notice

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Model : SDMD83

SPECIFICATIONS

Capacity	80 g
Readability (d)	0.005 g
Pan Size (mm)	110 diameter x 11 deep
Overall Dimensions (mm)	222 (W) x 360 (D) x 196 (H)
Repeatability (sd)	With 5 g sample, 0.1% (0.005 g)
Non-Linearity (typ)	± 0.005 g
Stabilization time (typ)	5 seconds
Interface	RS232C
Operating Temperature	5 °C to 40 °C
Power	AC 220-240 V
Power Consumption	Max 560 W
Weight	3.2 kg

MOISTURE SPECIFICATIONS

Measurement Method	Evaporation weight loss method
Readability Moisture Content	0.01%
Minimum Sample Weight	1 g
Measurement Mode	Automatic operation mode. Timed operation mode.
Temperature Range	30 °C - 180 °C
Increment in Temperature	1 °C
Storage of Measurement Conditions	5
Heat Source	Organic carbon heater (280 W × 2)



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