

Electronic Moisture Balance

MOC-120H



LINE ID:neonicstool



ติดต่อบริษัท เนโอเนิกส์ จำกัด

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MOC-120H

Accurate moisture measurement
with new weight sensor 



Features

- 1** Large sample pan allows even a large amount of sample to be placed evenly in a thin layer. The result is accurate and fast measurements.
- 2** Mid-wave infrared quartz heater provides effective drying without interference for a wide range of samples. Besides the excellent drying performance, it offers a long operational life of 20,000 to 30,000 hours.
- 3** The internal precision weighing balance is engineered with a Shimadzu UniBloc cell. The mechanism provides excellent stability and a long operational life against repeated temperature changes.
- 4** Digital control allows a selection of measurement modes. 10 sets of measurement settings can be stored for quick recall. Select one of the 9 combinations of drying and halting modes to optimize the measurement of your sample.
- 5** Weight loss rate in the previous thirty seconds is monitored and visually presented in the bar graph display. This feature is especially useful to show that the measurement is close to completion.
- 6** Shimadzu's unique WindowsDirect function is standard. Measurement data can be sent to an application such as Excel® without any software installation to the computer. All you need to add is an RS-232C cable.
If you'd like to use "WindowsDirect" with "Windows 7", "Windows Vista", or a USB port, please contact our distributors.
- 7** A larger sample pan contributes to accurate measurements, but the larger heat capacity normally produces larger zero drift due to temperature fluctuation. The MOC-120H is equipped with a unique auto-taring mechanism, which adjusts the zero drift automatically and ensures high accuracy, even with a larger sample pan.
- 8** Bias function allows adjustment to the data obtained by other measuring methods or other testers.
- 9** Large backlit LCD is easily read even under poor lighting conditions.

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Specifications

| Model (P/N) | MOC-120H (321-63300-10) |
|--|---|
| Measuring method | Heat drying and weight loss |
| Sample pan size | 130 mm dia |
| Minimum display in weighing | 0.001 g |
| Measurement range of moisture content | 0.01% to 100.00% |
| Moisture content minimum display | 0.01% |
| Sample capacity | 120 g |
| Measurement modes | Automatic or Timed ending modes, Standard, Rapid, Slow and Step drying modes, Predictive Measuring mode |
| Drying heater | Mid-wave infrared quartz heater |
| Setting temperature range | 30 to 200°C by 1°C increments (Sample position temperature) |
| Dimensions | 220W × 415D × 190H (mm) |
| Weight | 4.5 kg |
| Operational temperature and humidity range | 5 to 40°C, 85% RH or lower |
| Power requirements | AC 100 to 120 / 220 to 240 V, 640 W maximum |
| Standard accessories | Sample pan 2 pcs, Sample pan handler 2 pcs, Aluminum sheet 20 pcs, Spoon, Spatula |
| Stored procedures | 10 |

Peripherals, Accessories

Electronic Printer (w/o AC adapter)

AC Adapter for Electronic Printer 120 V

AC Adapter for Electronic Printer 230 V

GLP/GMP/ISO conforming calibration report can be produced. Intermediate status and final results of measurements can be printed out graphically.

(Includes connection cable, printer paper 1 roll. AC Adapter should be separately ordered.)

Temperature Calibration Kit

For temperature calibration at sample position, with calibration report.

RS-232C cable

For connecting with computer. Data can be sent without software (WindowsDirect).

Consumables, Supplies

Aluminum sheet 500 pcs

Printer paper for optional electronic printer 10 rolls

In use protection cover (1 pc as standard)

Safety Precautions

Read Instruction manual and understand before use of this instrument.

- Use this instrument for measurements in which water vaporizes from the sample under heating.
- The temperature of the heater installed in this instrument becomes higher than the set heating temperature for the sample.
- Any sample that is explosive, inflammable or may cause hazardous reaction under heating must not be measured with this instrument.



Shimadzu Corporation

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