

OHAUS MOISTURE ANALYZER

The MB45 and MB35 quickly, effectively and affordably measure moisture content incorporating a halogen heating element with precision weighing to give a fast and accurate moisture content determination. These balances reach full temperature in less than 1 minute and the halogen element performs up to 40% faster than traditional infrared methods. Temperature calibration is easy with the optional calibration kit. They are ideal for the pharmaceutical, chemical and food industries and are designed for continuous operation. Manufactured to ISO 9001 specifications.

The MB45 has a sample capacity of 45g, an integrated database to store up to 50 drying procedures and four selectable automatic drying programs for easy one step drying. The MB35 has a sample capacity of 35g and straightforward one step testing procedure; just enter the time, temperature and begin the test. (Models are CE, UL listed, CSA and FCC approved.)



MB Series Specifications

| Capacity (g) | MB45 | MB35 |
|--------------------------------|--|--|
| Readability (g) | 0.01% / 0.001g | 0.05% / 0.005g |
| Repeatability (Std Dev) (g) | 0.05% (3g sample) 0.015% (10g sample) | 0.18% (3g sample) 0.05% (10g sample) |
| Moisture range | 0.01% to 100% (0.01% to 1000% for regain mode) | 0.05% to 100% |
| Output | Bidirectional RS-232 | |
| Timer | 1-120 minutes in 10-second increments | 1-120 minutes 30-second increments to 60 min. 1 min. increments from 60-120 min. |
| Heater type | Halogen | |
| Temp range | 50° to 200°C in 1°C increments | 50° to 160°C (5°C increments) |
| Power | 120 VAC 50/60 Hz or 220 VAC 50/60Hz | |
| Operating temperature range | 50° to 104°F / 10° to 40°C | |
| Display type | 128 x 64 pixel graphical backlit LCD display | |
| Displays | % moisture, % solids, time, temperature, weight, test ID, and drying curve | % moisture, time, temperature, weight |
| Pan size (in/mm) | 3.5 / 90 | |
| Dimensions (W x H x D) (in/cm) | 7.5 x 6 x 14 / 19 x 15.2 x 36 | |
| Net wt. (Lb/Kg) | 11 lbs. / 4.6 Kgs. | |
| Shipping wt. (Lb/Kg) | 15 lbs. / 6.4 Kgs. | |

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| Digital Moisture Analyzer, 120V 50/60Hz | No. MB45 | Temperature Calibration Kit | No. 11113857 |
| Digital Moisture Analyzer, 220V 50/60Hz | No. MB45/A | Disposable Sample pans, qty. 50 | No. 80850085 |
| Digital Moisture Analyzer, 120V 50/60Hz | No. MB35 | Reusable sample pans, qty. 3 | No. 80850088 |
| Digital Moisture Analyzer, 220V 50/60Hz | No. MB35/A | Pads, glass fiber, qty. 200 | No. 80850087 |

CSC INFRARED MOISTURE BALANCE

The CENCO Moisture Balance measures moisture by weighing and drying simultaneously. A wide selection of heat ranges allows optimum drying of diverse materials using its 125 watt infrared lamp. Direct moisture reading makes use simple. Unit comes standard with a 5g torsion wire. Graduations from 0-100% moisture in 0.2% increments. Ship Dims. 19" L x 16" W x 18" H. Ship wt 35 lbs.

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| Moisture balance with 25 pans, 115V 50/60Hz | No. 26680 |
| Moisture balance with 25 pans, 230V 50/60Hz | No. 26680/A |
| 50 disposable pans, solids | No. 26678 |
| 50 disposable pans, liquids | No. 26679 |
| Support (retainer) pan | No. 26677 |
| Infrared lamp, 125 watt | No. 26681 |
| Infrared lamp, 250 watt | No. 26587 |
| Scale lamp, 110V, (pkg. of 3) | No. 26681-001 |
| Scale lamp, 220V, (pkg. of 3) | No. 26681-002 |
| Torsion wire, 5g, (pkg. of 3) | No. 26681-011 |
| Torsion wire, 25g, (pkg. of 3) | No. 26681-022 |



U.S. / Canada

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