



THE OHAUS MB45

moisture analyzer

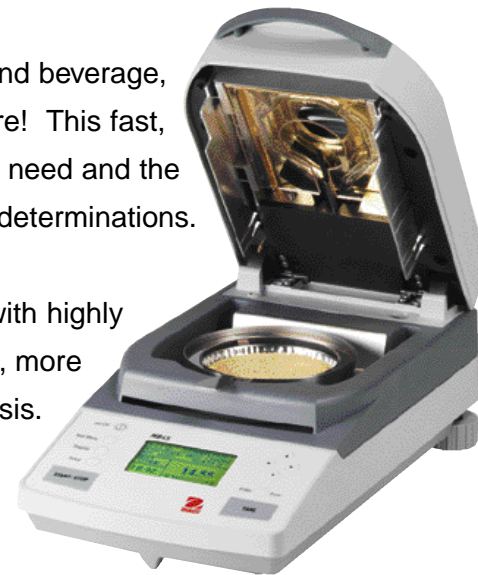


MB45 Moisture Analyzer

The full featured, compact moisture analyzer for every budget.

Perfect for environmental, quality control, food and beverage, chemical, pharmaceutical industries, and more! This fast, rugged analyzer gives you the flexibility you need and the accuracy you require for moisture determinations.

The MB45 combines state-of-the-art heating with highly accurate weighing technology to deliver a faster, more precise method of moisture analysis.

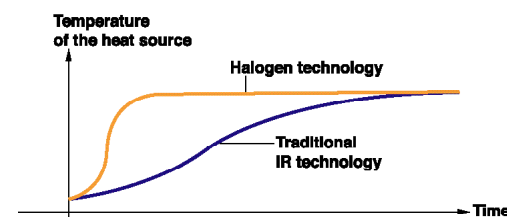


- Fast halogen element provides uniform infrared heating up to 200°C.
- Superior analytical performance, with readability of 1.0 mg, 0.01% moisture and 45 gram capacity.
- Powerful software for ease of operation, program storage and user customization.

Heating at Light Speed

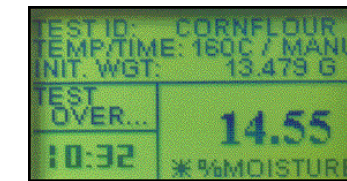
Infrared halogen technology begins drying your sample in seconds. The unique gold reflective housing serves to create a more uniform distribution of heat, improving analyzer accuracy.

- **Precise Heating** - software allows you to control temperature in 1°C increments, up to 200°C.
- **Lightning Start - Up** - heat from 50°C to 180°C in less than 1 minute.
- **Rapid Results** - infrared halogen heating performs up to 40% faster than traditional infrared methods.



Powerful software and graphical backlit display

The user friendly software design of the MB45 simplifies operation as it walks you through the convenient test set-up parameters. The unique display allows you real time access to drying curve and results, at the touch of a button.



Display shows % moisture, % solids, weight, time, temperature, drying curve and more.



Test Library to Store, Edit and Run Tests

- **Powerful** - program and recall up to 50 drying procedures.
- **Easy** - once programmed, simply select and run test.
- **Flexible** - allows simple test editing to find best results.

Optimum Performance

Unique Auto Shut-Off Options

- Choice of three preprogrammed end points for automatic test completion.
- Custom design your own test end point criteria.
- Timed tests with audible signal when finished.

Enhanced Heating Options

- Fast - for quickest possible time to temperature.
- Standard - for minimal overshoot while achieving temperatures quickly.
- Ramp - for controlled ramping to temperatures.
- Step - set three temperatures for difficult samples.

Unrivalled Value With These Added Benefits

- Maximize valuable lab space with the compact MB45, only 8.5" w x 14.5" d.
- Easily transfer samples with unique sample pan holder.
- Communication friendly with standard RS232 port for connection to computer or optional printer.
- Space-age material used to provide optimal insulating properties.
- Easy calibration with optional

- kit to ensure accurate temperature and weight measurements.
- GLP compliant format when printed results are required.
- Adjustable feet and leveling bubble to ensure accurate readings.
- Convenient, easy to clean surfaces.



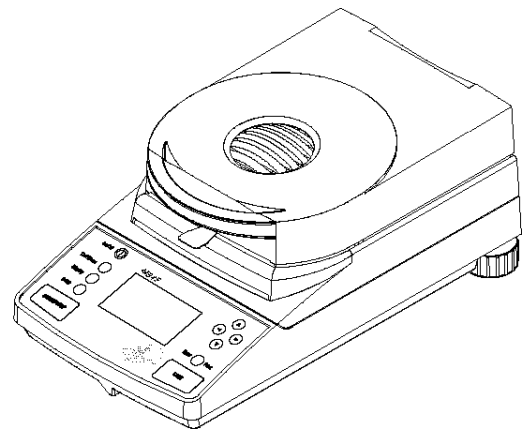
Optional Accessories:

- Temperature calibration kit
- Glass fiber pads
- Sample pans
- Reusable sample pans
- Weights
- Printer
- Cables

Moisture analysis

Ohaus MB45

Moisture Analyzer



MB45 Specifications

Capacity (g)	45g
Readability (g)	0.001g
Repeatability (Std Dev) (g)	0.05% (3g sample) 0.015% (10g sample)
Moisture range	0.01% to 100% (0.01% to 1000% for regain mode)
Output	Bidirectional RS-232
Timer	0.1-120 min.
Heater type	Halogen
Temp range	50° to 200°C in 1°C increments
Power	120 VAC 50/60 Hz
Tare range	To capacity by subtraction
Operating temperature range	10° to 40°C
Display type	128 x 64 pixel graphical backlit LCD display
Displays	% moisture, % solids, time, temperature, weight, test ID, drying curve
Pan Size (mm)	90
Dimensions (WxHxD) (cm)	19 x 15.2 x 36
Net wt. (kg)	4.6
Shipping wt. (kg)	6.4
ITEM NUMBER	MB45

Optional Accessories

Description	Item Number
Temperature calibration kit	11113857
Pads, glass fiber, qty 50	80850087
Sample pans, qty 50	80850086
Reusable sample pans, qty 3	80850088
Cover, in-use MB45	80850085
Cable, 9 pin serial extension	80500525
Cable, printer MB45	80850089
Cable, security	470004-01
20g, ASTM class 1 calibration weight	49024-11
Impact printer, 42 column	AS142
TAL Software, WinWedge v1.2	SW12W

Standard Features and Optional Accessories

Large LCD display, large stainless steel weighing surface, ergonomic leveling system, bi-directional RS232 interface, easy three-button operation, weigh below hook, sealed front panel and spill ring, stability indicator, error indicator.

Simple To Order

Contact your dealer for product availability as well as warranty information.

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Registered Quality Management System

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