From basic to advanced, the OHAUS MB Series of moisture analysers offer superior performance and great value

Standard Features Include:

- Fast halogen heating element provides uniform infrared heating and durability for extended use
- Superior analytical weighing performance with readability up to 0.001g, 0.01% moisture
- Powerful software for simple operation
- Compact size, only 8.5 in. x 14.5 in., suitable for in-process testing and uses minimum space requirements in laboratory applications
- Large backlit 128 x 64 pixel LCD display for easy viewing
- GLP compliant format when printed results are required
- Standard RS232 port for easy communication with printer or computer
- Multi-language display text (English, Spanish, French, Italian. German)

MB Series *Moisture Analysers*

OHAUS, the leader in value priced reliable compact moisture analysers

Designed to quickly, effectively and affordably measure moisture content, the OHAUS MB Series Moisture Analysers incorporate state-of-the-art halogen heating with precision weighing technology to give a fast and accurate method for moisture content determination
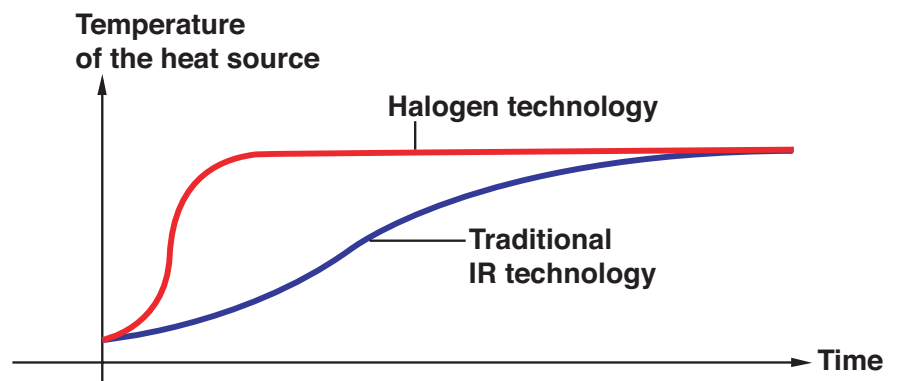
Perfect for applications in the pharmaceutical, chemical and research industries; versatile and rugged enough for continuous operation in food and beverage, quality control, environmental and many other applications. The MB Series Moisture Analysers feature excellent repeatability properties for consistent accuracy during testing. The MB Series is manufactured in accordance with ISO9001 quality assurance specifications, for traditional OHAUS quality.
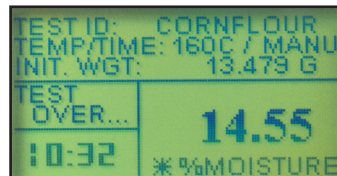
Heating at Light Speed

Infrared halogen heating technology begins the sample drying process in seconds. The uniquely designed gold reflective interior test area creates uniform distribution of heat to increase performance while decreasing test time.

• **Precision Heating**—temperature settings are incrementally controlled by the software for test accuracy

• **Lighting Startup**—test area reaches full temperature in less than 1 minute

• **Rapid Results**—infrared halogen heating performs up to 40% faster than traditional infrared methods

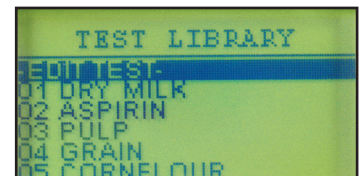• **Easy Temperature Calibration** with optional kit

OHAUS MB45. The Advanced Moisture Analyser

For Maximum Value, the MB45 is the standard in high performance moisture content determination. The MB45 features a sample capacity of 45g, with a readability of 0.001g and repeatability to 0.015% (using 10g sample). An integrated database stores up to 50 drying procedures for maximizing productivity, simply recall the test from memory and begin.

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

- Four selectable automatic drying programs allow for easy one step drying, simply set the temperature and time, and begin
- Four enhanced heating options
- Statistical function for simple tracking and recording of standard deviation over time. The MB45 does all the calculations and provides the end result. Great for Quality Control and Assurance applications
- Operating temperature range from 50º to 200º C in 1º increments

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

OHAUS MB35. The Basic Moisture Analyser

The MB35 is the basic model for moisture determination, leading the industry in performance/value. The MB35 features a maximum sample capacity of 35g, with a readability of 0.005g and repeatability to 0,03% (10g sample). The intuitive software establishes a simple user interface with simple 3 key navigation for easy setup. The MB35 offers a straightforward one step testing procedure, just enter time and temperature and begin. The LCD display shows % moisture, actual weight, actual temperature and test time. The MB35 operating temperature range is 50º to 160º C in 5º increments.

MB Series *Moisture Analysers*

Model	MB45	MB35
Capacity	45g	35g
Readability	0.01% / 0.001g	0.01% / 0.001g
Repeatability (Std Dev) (g)	0.05% (3g sample) 0.015% (10 g sample)	0.1% (3g sample) 0.03% (10 g sample)
Moisture range	0.01% to 100% (0.01% to 1000% for regain mode)	0.01% to 100%
Output	Bidirectional RS-232 w/ GLP/GMP	
Timer	1-120 minutes in 10-second increments	1-120 minutes 30-second increments to 60 min. 1 minute increments from 60 - 120 min.
Heater type	Halogen	
Temp range	50° to 200°C in 1°C increments	50° to 160°C in 5°C increments
Power	120 or 240 VAC 50/60 Hz	
Tare range	To capacity by subtraction	
Operating temperature range	5° to 40°C	
Display type	128 x 64 pixel graphical backlit LCD display	
Displays	% moisture, % solids, % regain, time, temperature, weight, test ID, drying curve and statistics	% moisture, time, temperature, weight
Pan size (mm)	Ø 90	
Dimensions (W × H × D) (cm)	19 × 15.2 × 36	
Net wt. (kg)	4.6	
Shipping wt. (kg)	6.4	

Models are CE, UL listed, CSA approved and FCC approved

Accessories

Temperature Calibration Kit 11113857
In Use Display Cover 80850085
Aluminum Sample Pans, 80 Pcs 80850086
Pads, Glass Fiber, Qty 200 Pcs 80850087
Reusable Sample Pans, 3 Pcs 80850088
PC Cable, 9 PIN 00410024
Anti Theft Device 80850043
Sample Pan Handler 11113873
Weight, 20g, OIML F1 11117039
Impact Printer SF40A 30064202