

## Ohaus® MB Series

## Moisture Analyzers



MB45

### STANDARD FEATURES

- Fast halogen heating element provides uniform infrared heating and durability for extended use
- Superior weighing performance with readability up to 0.001 g, 0.01% moisture
- Powerful software for simple operation
- Large backlit 128 x 64 pixel Liquid Crystal Display (LCD) for easy viewing
- GLP/GMP compliant format when printed results are required
- Standard RS-232 port for easy communication with printer or computer
- Multi-language display text (English, Spanish, French)

### APPROVALS



### SPECIFICATIONS

#### CAPACITY:

MB45: 45 g  
 MB35: 35 g  
 MB25: 110g  
 MB23: 110g

#### READABILITY:

MB45: 0.01%/0.001 g  
 MB35: 0.05%/0.005 g  
 MB25: 0.05%/0.005g  
 MB23: 0.1%/0.01g

#### REPEATABILITY/STD. DEV:

MB45, 3g sample: 0.05%  
 MB35, 3g sample: 0.18%  
 MB25, 3g sample: 0.2%  
 MB23, 3g sample: 0.3%  
 MB45, 10g sample: 0.015%  
 MB35, 10g sample: 0.05%  
 MB25, 10g sample: 0.05%  
 MB23, 10g sample: 0.1%

#### TARE RANGE:

Full capacity by subtraction

#### OPERATING TEMPERATURE:

MB45/35: 50°F to 104°F (10°C to 40°C)  
 MB23/25: 41°F to 104°F (5°C to 40°C)

#### TEMPERATURE SETTINGS:

MB45: 50-200° x 1°C (increments)  
 MB35: 50-160°C x 5°C (increments)  
 MB23/25: 50 -160 (5 increments)

#### POWER:

120VAC, 50/60Hz

#### DISPLAY TYPE:

128 x 64 pixel graphical backlit LCD display  
 MB23/25 backlit LCD

#### PAN SIZE:

3.5 in (90cm)

#### OVERALL DIMENSIONS:

MB45/35: 7.5in W x 6.0in H x 14.0in D  
 (190.5mm W x 152.4mm H x 355.6mm D)  
 MB23/25: 6.5in W x 5in H x 11in D  
 (165mm W x 127mm H x 279mm D)

#### NET WEIGHT:

MB45/35: 10.1 lb (4.6kg)  
 MB23/25: 5 lb (2.3kg)

#### HEATER TYPE:

Halogen  
 MB23: Infrared (no glass)

#### TIMER:

MB45: 1 to 120 minutes in 10 second increments  
 MB35: 1 to 120 minutes in 30 second to 60 minute increments, 1 minute increments from 60 to 120 minutes  
 MB23/25: 1 to 99 minutes 30 second increments to 60 minutes

#### MOISTURE RANGE:

MB45: 0.01% to 100%  
 (0.01% to 1000% for regain mode)  
 MB35: 0.05% to 100%

#### WARRANTY:

Two-year limited warranty