

# Moisture

## Halogen Moisture Analysers, MB Series

### OHAUS®

Choice of four models with low-cost, routine (MB-23 and MB-25), or sophisticated (MB-90 or MB-120) features for laboratory or industrial applications in the chemical, pharmaceutical, food and beverage, and environmental fields.

◆ MB-120 has a built-in, statistical function mode for process analysis and output

Model	MB-23	MB-25	MB-90	MB-120
<i>Ranges x readability</i>				
weighing, g	0 to 110 x 0.01	0 to 110 x 0.005	0 to 90 x 0.001	0 to 120 x 0.001
moisture, %	0 to 100 x 0.1	0 to 100 x 0.05	0 to 100* x 0.01	0 to 100* x 0.01
temperature, °C	50 to 160 x 5	50 to 160 x 5	50 to 160 x 1	40 to 230 x 1
time, minutes	1 to 99 x 0.5 (up to 60min.) x 1 (rest of range)	1 to 99 x 0.5 (up to 60min.) x 1 (rest of range)	1 to 480 x 0.5 (up to 60 min.) x 1 (rest of range)	1 to 480 x 0.5 (up to 60 min.) x 1 (rest of range)
<i>Repeatability</i>	0.1%/0.01g	0.05%/0.005g	0.02%/0.002g	0.01%/0.001g
<i>Results display</i>	Moisture content, time, temperature, weight	Moisture content, time, temperature, weight	Moisture content, time, temperature, weight, method name, drying curve and statistics	Moisture content, Dry weight, Regain, grams or custom, method name, drying curve and statistics
<i>Shut off modes</i>	Manual, timed 1 to 99 min. x 30 secs. (up to 60 min., 1 min. rest of range), Auto	Manual, timed 1 to 99 min. x 30 secs. (up to 60 min., 1 min. rest of range), Auto	Manual, timed or Auto	Manual, timed, Autofree %/s, Autofree mg/s, Auto 30, Auto 60 and Auto 90
<i>Temperature profiles</i>	Standard only	Standard only	Standard and fast	Standard, fast, ramp, step (user defined)
<i>Memory</i>	—	—	2 methods, 100 test results per method	100 methods, 1000 test results per method
<i>Calibration</i>				
weight, g	50	50	50	50
temperatures, °C	100 and 160	100 and 160	100 and 160	100 and 160
<i>Data interface</i>	RS232 printer/PC port	RS232 printer/PC port	USB and RS232 printer/PC port with GMP/GLP functions	USB and RS232 printer/PC port with GMP/GLP functions
<i>Weighing pan</i>	mm 90 diameter	90 diameter	90 diameter	90 diameter
<i>Overall, W x D x H</i>	mm 170 x 280 x 130	170 x 280 x 130	210 x 350 x 180	210 x 350 x 180
<i>Weight</i>	kg 5.8	5.8	5.3	5.3

\*0 to 999% in regain mode.

### Moisture Analysers MB-series

As described. With heating as indicated, sample pan handler, USB and bi-directional RS232 interfaces, aluminium foil sample dishes, levelling feet and bubble, and instructions. For 100-120V, 220-240V 50/60Hz single phase supplies.

- MW178-15** MB-23, infra-red heating
- MW178-25** MB-25, halogen heating
- MW180-15** MB-90 halogen heating
- MW180-20** MB-120, halogen heating

**BB528-14**



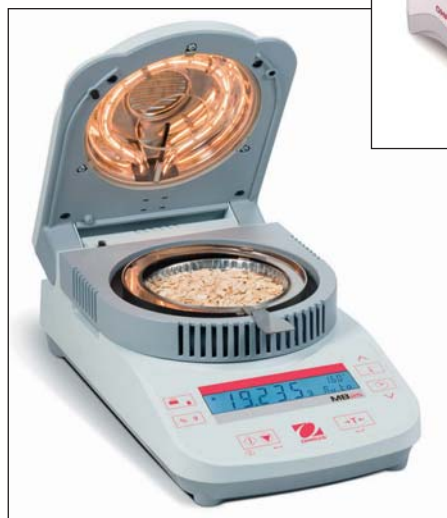
### Accessories and spares for all models

#### Dot matrix printer, SF40A

Multifunction, dot matrix printer. Supplied with RS232C interface cable, software and adapter to fit Ohaus laboratory balances, paper roll, ribbon cartridge and a.c. adapter for 100-240V 50/60Hz a.c.

- BB528-14** Printer SF40A
- BB528-28** Paper rolls for BB528-14, pack of 5
- BB528-29** Ink ribbon for BB528-14, pack of 1

- MW183-06** TempCal temperature calibration kit
- BD790-04** Aluminium foil sample dishes, 90 x 8mm, pack of 50
- BD790-06** Aluminium foil sample dishes, 90 x 8mm, pack of 80
- BD790-12** Aluminium foil sample dishes, 100 x 7mm, pack of 80



MW178-25 in use, MW178-15 is similar



MW180-15



MW180-20