



# The OHAUS MB Series comparison chart



## MB23, MB25

- Flexible performance
- Simple to operate
- Compact and easy-to-clean design

## MB27

- Flexible performance
- Simple to operate
- Compact and easy-to-clean design

## MB90

- Exceptional precision
- Easy tool-free cleaning
- Testing made simple

## MB120

- Simple and Powerful Moisture Analysis with **SmartGuide™** software
- Advanced Functionality
- Easy to maintain

### Technical specification comparison

	MB23	MB25	MB27	MB90	MB120
Capacity (g)	110		90	90	<b>120</b>
Readability	0,01g/0,1%	0,05g/0,5%	0,001g/0,01%	0,001g/0,01%	0,001g/0,01%
Repeatability (Std Dev) (g)	3g 0,3%	0,2%	0,2%	0,18%	<b>0,05%</b>
	10g 0,2%	0,05%	0,05%	0,02%	<b>0,015%</b>
Temperature range	50-160°C		50-160°C	40-200°C	<b>40-230°C</b>
Temp. increment	5°C		5°C	<b>1°C</b>	<b>1°C</b>
Display	Backlit LCD, 6 mechanical keys		Backlit LCD, 6 mechanical keys	<b>4,3" full colour VGA touch screen 4 mechanical keys</b>	<b>4,3" full colour VGA touch screen 4 mechanical keys</b>

## Features comparison

	MB23	MB25	MB27	MB90	MB120
In-use cover	Standard		Standard	Standard	Standard
Pan size Ø	90mm		90mm	90mm	90mm
Sample pan holder	Option	Standard	Standard	Standard	Standard
Interface	Classic		Classic	<b>Icon-based, intuitive user interface</b>	<b>Icon-based, intuitive user interface</b>
Heating element	Infrared	Halogen	Halogen	Halogen	Halogen
Memory	-		-	1+1 methods 100 results	<b>100+1 methods 1000 results</b>
Drying profiles	Standard		Standard	Standard, Fast	<b>Standard, Fast, Ramp, Step</b>
Shut-off criteria	Manual, timed, auto		Manual, timed, auto	Manual, timed, auto	<b>Manual, timed, auto-free %/s, auto-free mg/s, A30, A60 and A90</b>
User Management	-		-	-	<b>4 levels, up to 50 accounts</b>
Displayed results/info	% moisture, % solids, weight (g), temperature, time		% moisture, % solids, weight (g), temperature, time	<b>%moisture, %solids, %regain, time, temperature, weight, method name, drying curve, statistics</b>	<b>%moisture, %solids, %regain, time, temperature, weight, method name, drying curve, statistics</b>
Statistics	-		-	Yes	Yes
GLP settings	-		-	Yes	Yes
Connectivity	RS232		RS232	RS232, USB (2x)	RS232, USB (2x)
Communication PC	Yes, with OHAUS free SPDC software		Yes, with OHAUS free SPDC software	Yes, with OHAUS free SPDC software	Yes, with OHAUS free SPDC software
Communication printer	Yes, via RS232		Yes, via RS232	Yes, via RS232	Yes, via RS232
Sample ID	-		-	<b>Yes, alphanumeric</b>	<b>Yes, alphanumeric</b>
User ID	-		-	<b>Yes, alphanumeric</b>	<b>Yes, alphanumeric</b>
Leveling	-		-	<b>Front level indicator, 4 adjustable feet, visual leveling guide</b>	<b>Front level indicator, 4 adjustable feet, visual leveling guide</b>
Other	-		-	<b>Multilingual, 14 languages Real-time drying curve, Save- to-USB, cloning function</b>	<b>Multilingual, 14 languages Real-time drying curve SmartGuide™</b>

Ask your Dealer Manager for SmartGuide™ or visit OHAUS.com for more details on this revolutionary feature!