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IKA®

Subject to technical changes. Indications not binding for delivery.

THE NEXT GENERATION - NOW MS 3 basic / MS 3 digital



COMPACT & UNIVERSAL
IKA® SMALL SHAKERS

new

SMALL-SIZED SHAKER
MS 3 basic

Compact, universal small shaker suitable for shaking tasks with all small vessels and microtiter plates

- Wide range of attachments
- Attachment detection
- Continuous or touch operation (with standard attachment)
- Two operating modes:

Mode A (safe mode with attachment detection)

The maximum speed of 3.000 rpm is only reached with the standard attachment in touch mode. When using other attachments the speed is limited to 1.300 rpm.

Mode B (without attachment detection)

A speed of 3.000 rpm is possible with all attachments.

- Stable in all speed ranges
- Sturdy zinc die cast casing

	MS 3 basic
Shaking movement	orbital
Orbital diameter	4,5 mm
Max. permitted shaking weight (with attachment)	0,5 kg
Motor rating output	8 W
Permissible ON time	100 %
Infinitely adjustable speed range	0 - 3.000 rpm
Speed display	scale
Timer	no
Time setting	—
Operating mode	Continuous / touch operation
Dimensions (W x D x H)	148 x 205 x 63 mm
Weight	2,9 kg
Protection class according to DIN EN 60529	IP 21
Ident. No.	3617000



SMALL-SIZED SHAKER
MS 3 digital

Compact, universal small shaker suitable for shaking tasks with all small vessels and microtiter plates

- Wide range of attachments
- Attachment detection
- Timer with countdown function
- Continuous or touch operation (with standard attachment)
- Two operating modes:

Mode A (safe mode with attachment detection)

The maximum speed of 3.000 rpm is only reached with the standard attachment in touch mode. When using other attachments the speed is limited to 1.300 rpm.

Mode B (without attachment detection)

A speed of 3.000 rpm is possible with all attachments.

- Stable in all speed ranges
- Sturdy zinc die cast casing

	MS 3 digital
Shaking movement	orbital
Orbital diameter	4,5 mm
Max. permitted shaking weight (with attachment)	0,5 kg
Motor rating output	8 W
Permissible ON time	100 %
Infinitely adjustable speed range	0 - 3.000 rpm
Speed display	scale
Timer	yes
Timer setting	∞ / 1 s - 999 min
Operating mode	Timer and continuous mode, touch operation
Dimensions (W x D x H)	148 x 205 x 63 mm
Weight	2,9 kg
Protection class according to DIN EN 60529	IP 21
Ident. No.	3319000



* Included with MS 3 basic ** Included with MS 3 digital	*/**	*/**	**	*/**		**			
Name	MS 3.1 Standard attachment	MS 3.3 Universal attachment	MS 3.4 Microtiter attachment	MS 1.21 One-hand insert	MS 1.31 Test tube insert	MS 1.32 Test tube insert	MS 1.33 Test tube insert	MS 1.34 Test tube insert	
Description	For test tubes and small vessels up to Ø 50 mm	For various foam inserts	For a microtiter plate	For inserting into universal attachment	For inserting into universal attachment, for 14 test tubes Ø 10 mm	For inserting into universal attachment, for 6 test tubes Ø 12 mm	For inserting into universal attachment, for 4 test tubes Ø 16 mm	For inserting into universal attachment, for adding any number of holes	
Ident. No.	3426300	3426600	3426400	L001540	L001840	L001850	L001860	L001830	