IKA

designed for scientists

MS 3 digital

/// Data Sheet

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, depending on the application (see accessory list in the manual).

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

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Technical Data

Type of movement	orbital
Shaking stroke [mm]	4.5
Permissible shaking weight (incl. attachment) [kg]	0.5
Motor rating input [W]	10
Motor rating output [W]	8
Permissible ON time [%]	100
Speed min (adjustable) [rpm]	200
Speed range [rpm]	0 - 3000
Speed display	scale
Timer	yes
Timer display	7 segment LED
Time setting range [min]	1/60 - 999
Operating mode	timer and continuous operation
Touch function	yes
Working with microtiter plates	yes
Number of microtiter plates	1
Dimensions (W x H x D) [mm]	148 x 63 x 205
Weight [kg]	2.9
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	20
DC Voltage [V=]	24
Current consumption [mA]	800

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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.