

## Shakers, IKA®

### Test tube shaker lab dancer

Specially for mixing samples in small quantity, with touch function.

- Small, compact and reliable
- For all vessels of up to 30 mm in diameter, e.g. test tubes, centrifuge tubes, Eppendorf vessels
- Fixed speed (2.800 min<sup>-1</sup>)
- Excellent mixing action
- The upper casing and the test tube surface are made from inert plastic, the base is made from coated die-cast zinc
- Includes light 12 V power pack set
- 3 year warranty on all parts

#### Technical data:

Shaking motion:	orbital
Shaking stroke:	4.5 mm
Shaking quantity:	1 test tube, max. 50 ml
Motor rating input/output:	1.2/0.8 W
Permissible ON time:	100%
Speed:	2.800 rpm (fixed)
Dimensions(Ø × H):	100 × 70 mm
Weight:	0.55 kg
Material of casing:	PP
Material of attachment:	TPU
Material of base:	zinc, coated
Permissible ambient temperature:	5 to 40°C
Permissible relative humidity:	80%
Protection class acc. to DIN EN 60529:	IP 40
Voltage/Frequency:	100 – 240 V, 50/60 Hz



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Article	Order No.
① Test tube shaker lab dancer	10 36 03365

### Mini shaker MS 3 basic and 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 (**MS 3 digital**)
- 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

#### Technical data:

Shaking motion:	orbital
Shaking stroke:	4.5 mm
Motor rating input/output:	10/8
Speed range:	0 to 3.000 rpm
External (W × H × D):	148 × 63 × 205 mm
Weight:	2.9 kg
Power supply:	100 – 240 V, 50/60 Hz



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Article	Order No.
② MS 3 basic	10 36 03617
③ MS 3 digital	10 36 03319