

IKA®

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**Test Tube Shaker lab dancer**

Its compact and clever design makes it an indispensable tool for every laboratory.

Economic, compact test tube shaker with touch function.

- For small vessels up to 30 mm in  $\varnothing$ , e. g. test tubes, centrifuge tubes, Eppendorf tubes.

- Excellent mixing action.
- The upper casing and the test tube surface are made from inert plastic.
- Secure stand due to coated zinc die cast base.
- Includes light 12 V power pack set.

**NEW!**

Shaking motion:	orbital
Shaking stroke:	4.5 mm
Shaken item / quantity:	1 test tube, max. 50 ml
Motor rating input / output:	1.2 W / 0.8 W
Speed:	2800 min <sup>-1</sup>
Dimensions ( $\varnothing$ x H):	100 x 70 mm
Weight:	0.55 kg
Material:	casing: PP attachment: TPU bottom section: zinc, coated
Permissible ambient temperature:	5 to 40 °C
Permissible relative humidity:	80 %
Protection class acc. DIN EN 60529:	IP 40
Mains supply:	100 to 240 V, 50 / 60 Hz

Type	PU	Order No.
lab dancer	1	0223365000

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**Small 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 3000 min<sup>-1</sup> is only reached with the standard attachment in touch mode. When using other attachments the speed is limited to 1300 min<sup>-1</sup>.

**Mode B (without attachment detection):**

A speed of 3000 min<sup>-1</sup> is possible with all attachments.

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

**Items supplied:**

- Small shaker MS 3 basic.
- MS 3.1 standard attachment: for test tubes and small vessels up to  $\varnothing$  50 mm.
- MS 3.3 universal attachment: for various foam inserts.
- MS 1.21 one-hand insert: for inserting into universal attachment.

**More details!**

Attachments on page 334.

Shaking movement:	orbital
Orbital $\varnothing$ :	4.5 mm
Max. permitted shaking weight (with attachment):	0.5 kg
Motor rating output:	8 / 10 W
Max. ON-time:	100 %
Infinitely adjustable speed range:	0 to 3000 min <sup>-1</sup>
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 acc. to DIN EN 60529:	IP 21

Description	PU	Order No.
MS 3 basic	1	0223617000