

Digital Shaker - DOS-Series

Description

The powerful DOS shakers are suitable for continuous operation. DOS shakers are available in different versions.

They offer a large selection of accessories for a wide variety of applications and are particularly reliable and durable.

Specifications

- For continuous operation and intensive mixing
- Three rotation types: orbital, linear, vibrating
- High-precision speed control
- Quiet and durable stepper motor
- Wide range of brackets and accessories
- Acoustic feedback at the end of mixing
- Memory for individual programming



DOS-10L



Display series DOS M/L

Technical Data

Model	DOS-20S	DOS-10M/ DOS-20M*	DOS-10L/ DOS-20L*
Size of working platform	168 x 168 mm	355 x 235 mm	415 x 295 mm
Maximum load	1.5 kg	5 kg	7 kg
Type of rotation	orbital	4 (orbital, auto reverse, reciprocal, vibrate)	4 (orbital, auto reverse, reciprocal, vibrate)
Amplitude of rotation	20 mm	10 mm/ 20 mm*	10 mm / 20 mm*
Time controller	1 – 999 min, stepless	1 – 999 min, stepless	1 – 999 min, stepless
Rotation speed	45 - 250 rpm	1 – 500 rpm/ 1 – 300 rpm*	1 – 500 rpm / 1 – 300 rpm*
Ambient temperature	+4 up to +45°C	+4 up to +45°C	+4 up to +45°C
Relative Humidity (at 20°C)	max. 80%	max. 80%	max. 80%
Power supply (adapter)	DC 12 V, 1,5 A	DC 24 V, 1 A	DC 24 V, 1 A
Dimensions (W x D x H)	205 x 170 x 70 mm	360 x 280 x 100 mm	415 x 365 x 100 mm
Weight	1.4 kg	5.5 / 5.7 kg	7.7 / 8.7 kg
Order No.	105.2081	105.2082/ 105.2083*	105.2084/ 105.2085*

LG_036_E 01/2025 Subject to technical errors and changes.

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Accessories



Tube-Adapter Ø 16 mm

For fixing various tubes and vials with a diameter of 16 mm. Can also be used in combination with the Universal Roller Clips or the Magnetic Clips.



Tube-Adapter Ø 30 mm

For fixing various tubes and vials with a diameter of 30 mm. Can also be used in combination with the Universal Roller Clips or the Magnetic Clips.



Universal Magnetic Clips

For attaching various laboratory vessels or elements to the shaking platform. The magnetic clips can be freely positioned and are firmly attached to the shaking platform.



Anti Slip Mat M/L

The ideal solution to prevent laboratory vessels from slipping during the shaking process.

Anti Slip Mat Size M:

Suitable for models DOS-10 M and DOS-20 M

Anti Slip Mat Size L:

Suitable for models DOS-10 L and DOS-20 L



Plate Adapter M

For fixing various tubes and vials with a diameter of 16 mm. Can also be used in combination with the Universal Roller Clips or the Magnetic Clips. Capacity: 4 plates Suitable for models: DOS-10 M and DOS-20 M



Roller Clips

Frame with movable rails for fixing various laboratory vessels. Especially suitable for high and unstable laboratory flasks.



Plate Adapter Size L

For fixing various tubes and vials with a diameter of 16 mm. Can also be used in combination with the Universal Roller Clips or the Magnetic Clips. Capacity: 8 plates Suitable for models: DOS-10 L and DOS-20 L



Roller Clips Size M

Suitable for models: DOS-10 M and DOS-20 M

Roller Clips Size L

Suitable for models: DOS-10 L and DOS-20 L