

Analog Orbital Shakers - S Series

Description

These orbital shakers are powerful devices suitable for continuous operation. The shaker is designed for mixing components in various types of test tubes, flat bottom lab dishes, flasks, petri dishes, etc. To meet your specific laboratory requirements, they offer a wide range of accessories. The devices are characterized by high reliability and long service life.



Orbital shaker model S-20M

Specifications

- Optimized rotation amplitude for intensive mixing
- High performance stepper motor with control system
- Stepless control of the rotation speed
- Wide range of holders and accessories
- Suitable for continuous operation



Accessories see page 2

Technical Data

Model	S-10 M	S-20 M	S-10 L	S-20 L
Size of the working platform	355 x 235 mm	355 x 235 mm	415 x 295 mm	415 x 295 mm
Maximum load	5 kg	5 kg	7 kg	7 kg
Amplitude of rotation	10 mm	20 mm	10 mm	20 mm
Rotation type	orbital	orbital	orbital	orbital
Rotation speed	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	+4 up to +45°C
Rel. humidity (at 20°C)	max. 80 %	max. 80 %	max. 80 %	max. 80 %
Maximaler Stromverbrauch	24 W	24 W	24 W	24 W
Voltage and Frequency	110–220 V, 50/60 Hz	110–220 V, 50/60 Hz	110–220 V, 50/60 Hz	110–220 V, 50/60 Hz
Power supply (adapter)	DC 24 V, 1 A	DC 24 V, 1 A	DC 24 V, 1 A	DC 24 V, 1 A
Dimensions shaker (L x W x H)	360 x 280 x 100 mm	360 x 280 x 100 mm	415 x 365 x 100 mm	415 x 365 x 100 mm
Weight shaker	5.4 kg	5.7 kg	7.7	8.7 kg
Order No.	105.2090	105.2091	105.2092	105.2093

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Accessories



Tube Adapter Ø 16 mm

For fixing various tubes and vials with 16 mm diameter. 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 30 mm diameter. Can also be used in combination with the Universal Roller Clips or the Magnetic Clips.



Universal Magnetic Clips

For fixing various laboratory vessels or elements on the shaking platform. The magnetic clips can be positioned freely and connect firmly to the shaking platform.



Anti-Slip Mat M/L

The optimal solution to prevent laboratory tubes from slipping during the shaking process.

Anti-Slip Mat M:
Suitable for models
S-10 M and S-20 M

Anti-Slip Mat L:
Suitable for models
S-10 L and S-20 L



Plate Adapter M

Plate Adapter M/L

Ensures utmost efficiency by securing varieties of microplate once.

Capacity Adapter M:
up to 4 microtiterplates

Capacity Adapter L:
up to 8 microtiterplates



Plate Adapter L

Plate Adapter M
Suitable for models:
S-10 M and S-20 M

Plate Adapter L
Suitable for models:
S-10 L and S-20 L



Roller Clips

Frame with adjustable bars for fixing various laboratory vessels. Especially suitable for high and unstable laboratory flasks.



Example application of Roller Clip

Roller Clips M

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

Roller Clips L

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