

# Orbital Shakers

- **Universal orbital laboratory shakers**
- **Wide range of shaking adapters**
- **Switch-off timer**
- **Robust stainless steel housing**



## S 26 / S 20

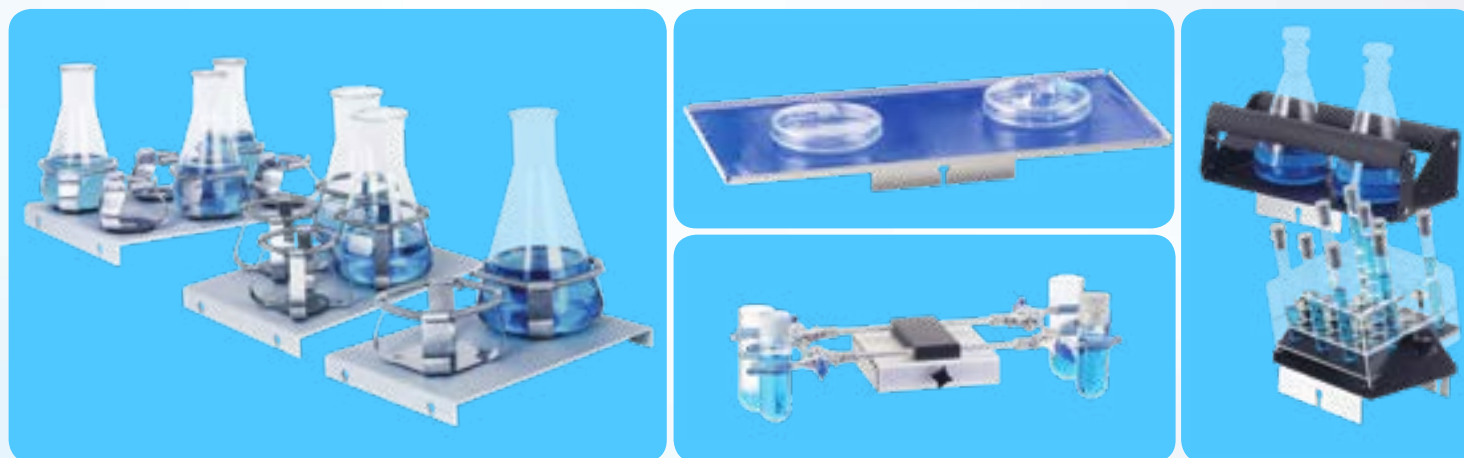
**S 26:** This unit is especially designed to shake flasks for biological cultures and Erlenmeyer flasks in sizes of 250, 500 and 1000 ml. Other attachments are available. The microprocessor technique of this shaker provides for data transfer via the RS 232 interface for full computer control. The special indexing mechanism stops the shaking platform always at a defined position. The unit is driven by a brushless motor. These maintenance free motor is designed for continuous operation.

**S 20:** This shaker is a multi-use shaker which consists of a main drive unit and five different attachments for shaking various sizes and shapes of laboratory containers. Each attachment is sold separately making the shaker versatile for a wide range of individual laboratory needs.



Technical Data	S 20	S 26
Speed range [1/min]	100 - 1100	60 - 1100
Type of movement	orbital	orbital
Shaker orbit [mm]	3.0	3.0
Timer	Yes	Yes
Display	-	backlight LCD
Interface	-	RS232
Permissible load of platform, max. [kg]	3.0	1.5
Power supply [V]	See: order information	See: order information
Weight [kg]	4.1	6.9
Dimensions [WxDxH mm]	145 x 180 x 130	280 x 170 x 245
Protection class according to DIN EN 60529	IP 32	IP 32

Order Information	Part Number	
230 VAC / 50Hz, EU plug (Type F)	60283-0000	60386-0000
115 VAC / 60Hz, USA plug (Type B)	60283-0001	-



Accessories	Part Number	Description
S – Shaking adaptor	60648-0000	Shaking platform 200x400 mm with special adhesive mat. Recommended maximum shaking speed: 1000rpm. Dimensions: 370x150x45 mm
U – Shaking adaptor	60686-0000	Universal shaking adaptor for Erlenmeyer flasks and other bottles and containers. Recommended maximum speed: 500rpm. Dimensions: 350x150x125 mm
V – Shaking adaptor	60685-0000	Shaking adaptor for 4 Erlenmeyer Flasks or round-bottom flasks (500ml) Recommended maximum speed: 500rpm. Dimensions: 370x150x45 mm
R – Shaking adaptor	60687-0000	Test tube shaking adaptor for shaking up to 36 test tubes up to 16mm diameter. Recommended maximum speed: 800rpm. Dimensions: 190x140x145 mm
E – Shaking adaptor	60683-0000	Shaking adaptor for single hand held vessels up to 100ml. Recommended maximum speed: 1000rpm. Dimensions: 137x132x44 mm
2E - Shaking adaptor	60689-0030	Shaking adaptor for 2 Erlenmeyer flasks 1000 ml
4E - Shaking adaptor	60689-0020	Shaking adaptor for 4 Erlenmeyer flasks 500 ml
6E - Shaking adaptor	60689-0010	Shaking adaptor for 6 Erlenmeyer flasks 250 ml
RS232 extension cable	30275-0051	RS 232 extension cable 1.8 m
USB to RS232 adaptor	30244-0001	USB adaptor for connection PC to RS232 interface of shaker