

VORTEX 3



New vortex shaker suitable for short-time operation (touch function), activated by pressing shaker attachment or continuous operation.

- Wide speed range, infinitely adjustable
- Different applications thanks to 3 interchangeable attachments and 7 inserts (e.g. Eppendorf tubes, microtiter plates, Erlenmeyer flasks 250 ml etc.), please order separately
- Attachments securely click onto appliance in any position
- Special strap (VG 3.36) ensures easy handling of round/Erlenmeyer flasks
- Sturdy metal zinc die cast casing
- Compact design
- Short-time operation activated by pressing attachment (touch function)
- Stable at high speeds thanks to special feet (silicon base with ultra high vibration damping)
- Eccentric with ball bearings
- Suitable for continuous operation with low self heating thanks to self ventilation of motor

Technical Data			
Type of movement [-]	orbital	Orbital diameter [mm]	4
Motor rating input [W]	58	Motor rating output [W]	10
Permissible ON time [%]	100	Speed min (adjustable) [1/min]	250
Speed range [1/min]	0 - 2500	Speed display [-]	none
Timer [-]	no	Operating mode [-]	continuous operation
Touch function [-]	yes	Shaking table lock [-]	no
Working with microtiter plates [-]	yes	Number of microtiter plates [-]	1
Dimensions (W x H x D) [mm]	127 x 136 x 149	Weight [kg]	4,5
Permissible ambient temperature [°C]	5 - 40	Permissible relative moisture [%]	80
Protection class according to DIN EN 60529 [-]	IP 21	RS 232 interface [-]	no
Analog output [-]	no	Voltage [V]	200 - 240 / 100 - 120 / 100
Frequency [Hz]	50/60	Power input [W]	60

Accessories

VG 3.1 Standard attachment 3341200



Standard attachment for reagent glasses / small vessels (continuous / touch operation), included with delivery.

VG 3.2 One-hand attachment 3342300



One-hand attachment, 88 mm, round, with rubber insert (continuous / touch operation)

VG 3.3 Universal attachment 3342400



Universal attachment, 150 mm, with rubber insert (continuous / touch operation)

VG 3.31 Test tube attachment (for VG 3.3) 3344300



for 54 Eppendorf tubes (continuous operation)

VG 3.33 Test tube attachment (for VG 3.3) 3344000



for 12 reagent glasses, 12 mm (continuous operation)

VG 3.34 Test tube attachment (for VG 3.3)



for 8 reagent glasses, 16 mm (continuous operation)

VG 3.35 Test tube attachment (for VG 3.3) 3344200



for 8 reagent glasses, 20 mm (continuous operation)

VG 3.36 Erlenmeyer flask attachment (for VG 3.3) 3342100



for 1 Erlenmeyer / round flask from 100 to 250 ml (continuous operation)

VG 3.37 Microtiter plate attachment (for VG 3.3) 334440



for 1 standard microtiter plate (continuous operation)