IKA

designed for scientists



VORTEX 3

/// Data Sheet

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. tubes, microtiter plates, Erlenmeyer flasks 250 ml etc.), please order separately
- Attachments securely click onto appliance in any position
- Special strap (VG 3.36, page 51) ensures easy handling of round/Erlenmeyer flasks
- Sturdy metal zinc die cast casing

designed for scientists

- 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

Shaking movement: orbital
Orbital diameter: 4 mm
Infinitely adjustable speed range: 500 - 2.500 rpm

Scope of delivery
•VORTEX 3
•VG 3.1 Standard attachment

designed for scientists

Technical Data

Type of movement	orbital
Shaking stroke [mm]	4
Permissible shaking weight (incl. attachment) [kg]	0.4
Motor rating input [W]	58
Motor rating output [W]	10
Permissible ON time [%]	100
Speed min (adjustable) [rpm]	500
Speed range [rpm]	0 - 2500
Speed display	none
Operating mode	continuous operation
Touch function	yes
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 humidity [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	200 - 240
Frequency [Hz]	50/60
Power input [W]	60