



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



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- 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



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## 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                   |