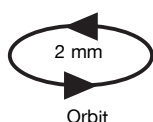


Shakers, mixers and stirrers » V-32 multi vortex mixer

V-32 multi vortex mixer

Versatile multi vortex mixer for vigorous re-suspension of cell or chemical pellets in tubes up to 1.5 ml, with the facility to mix individual tubes up to 15 ml.

- Adjustable speed control: 500 to 3000 rpm
- 'Continuous' or 'quick' operation
- Handles up to 32 tubes in three different sizes/combinations or a larger tube with the single platform head



Compact rugged design plus powerful motor delivering consistent performance and quiet operation – fits neatly and unobtrusively into the workspace

Easy operation – select 'continuous' or 'touch' operation and dial to control speed from 500 rpm to 3000 rpm

The 32-socket universal platform PV-32 and single tube platform PL-1 included as standard

PV-32 for three tubes sizes (16 x 1.5 ml, 8 x 0.5 ml, 8 x 0.2 ml)

PL-1 for mixing individual tubes up to 15 ml provides maximum flexibility

Optional 6 x 10 ml platform available



Low voltage cord easily fits through door gaskets, allowing use in incubators, refrigerators and workstations

Rubber suction pads hold tight to the work surface and prevent the unit from 'walking' – they also absorb vibration and prevent its transmission to the workbench



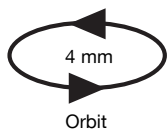
- Applications:**
- Life-sciences - performing various DNA operations – deproteinisation of DNA/protein complexes, mixing of immunostained human cells, purification of low-molecular DNA/RNA fragments in PCR-diagnostic
 - Industrial - de-airing adhesive
 - General - mixing and dispersion of particle suspensions
 - Biopharm - solubilising powders

Shakers, mixers and stirrers » PV-1 vortex mixer

PV-1 personal vortex mixer

Extremely compact personal vortex mixer with a low profile and small footprint for gentle mixing through to vigorous re-suspension of cell or chemical pellets in up to 50 ml tubes.

- Adjustable speed control: 750 to 3000 rpm
- 'Continuous' or 'touch' operation
- For tubes up to 28.5 mm diameter, 50ml



Pressure sensitive cup accommodates tubes up to 50 ml

Reliable and extremely quiet motor produces regulated and reproducible agitation throughout the speed range

Extremely easy to operate – select either 'continuous' or 'touch' operation and turn the dial to adjust the speed from 750 rpm to 3000 rpm

Low voltage cord easily fits through incubator door gaskets. Safe and economical running



In 'touch' mode, agitation starts in response to pressure on the pressure sensitive cup

Exceptionally compact with a low profile and small footprint – fits into almost any location



Rubber suction pads hold tight to the work surface and prevent the unit from 'walking' – they also absorb vibration and prevent its transmission to the workbench

Applications: ■ Gentle mixing through to vigorous resuspension of cells and biological and chemical liquid components



Shakers, mixers and stirrers » PV-1 and V-32 vortex mixers » Specifications and accessories

Vortex mixers – models and specifications

● = standard

| | | Personal vortex mixer | Multi vortex mixer |
|------------------------------------|------|---|---|
| | | PV-1 | V-32 |
| | |  <p>h: 80 mm d: 150 mm w: 90 mm weight: 1.1 kg</p> |  <p>h: 100 mm d: 180 mm w: 120 mm weight: 1.5 kg</p> |
| Speed | rpm | 750 to 3000 | 500 to 3000 |
| Acceleration time to maximum speed | sec | – | 3 |
| Orbit | mm | 4 | 2 |
| Maximum tube diameter | mm | 28.5* | 16 |
| Capacity | | 1 up to 50 ml tube | 16 x 1.5 ml, 8 x 0.5 ml and 8 x 0.2 ml tubes |
| Input voltage | V dc | 12 | |
| Input current | A | 0.32 | 0.32 |
| Ambient temperature range | °C | +4 to 40 | |

Accessories

| | | |
|---|---|---|
| <p>PV6-10 Universal 6-socket platform for 10 ml tubes (maximum tube diameter 15 mm)</p>  | – | ● |
| <p>PV-32 replacement platform (16 x 1.5 ml, 8 x 0.5 ml, 8 x 0.2 ml)</p>  | – | ● |

* The PV-1 takes conical tubes up to 50 ml