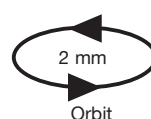


V-32 multi vortex mixer

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

- Adjustable speed control: 500 to 3000rpm
- '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 500rpm to 3000rpm.



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

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

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

Optional 6 x 10ml 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

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 50ml tubes.

- **Adjustable speed control: 750 to 3000rpm**
- **'Continuous' or 'touch' operation**
- **For tubes up to 28.5mm 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
750rpm to 3000rpm.

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

Vortex mixers – Technical specifications

• = standard

		Personal vortex mixer	Multi vortex mixer
		PV-1	V-32
		 <p>h: 80mm d: 150mm w: 90mm weight: 0.8kg</p>	 <p>h: 100mm d: 180mm w: 120mm weight: 1.5kg</p>
Speed	rpm	750 to 3000	500 to 3000
Acceleration time to maximum speed	sec	–	3
Orbit ø	mm	4	2
Maximum tube diameter	mm	28.5*	15
Capacity	ml tube	1 up to 50	16 x 1.5, 8 x 0.5 and 8 x 0.2
External power supply		Input AC 120-230V, 50/60Hz Output DC 12V	
Input voltage	V dc	12	
Power consumption	W	3.8 (0.32A)	3.8 (0.32A)
Operating temperature range	°C	+4 to 40	

Accessories

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

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