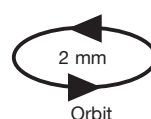


## V-32 multi vortex mixer

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

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