

V-1 plus and V-32, Vortexes

DESCRIPTION

Basic Plus Product Class



V-1 plus vortex and **V-32** multi vortex are intended for intensive mixing of samples in tubes with an eccentric mechanism.

Vortex can be used for different operations:

- Mixing tissue samples;
- Suspending cell samples;
- Mixing chemical samples;
- Mixing bacterial and yeast cells when washing from the culture medium;
- Extracting metabolites and enzymes from cells and cell cultures, etc.

Vortex can be used to perform various DNA/RNA operations, such as purification of low-molecular DNA/RNA fragments in PCR-diagnostics.


Vortex is applicable in all the fields of laboratory research in biotechnology, microbiology and medicine.

Vortexes has two operation modes:

- Continuous operation;
- Impulse operation. (**V1 plus** pressure activated)

Model **V-1 plus** is a personal vortex with fluoro-plastic head for single tube vortexing.

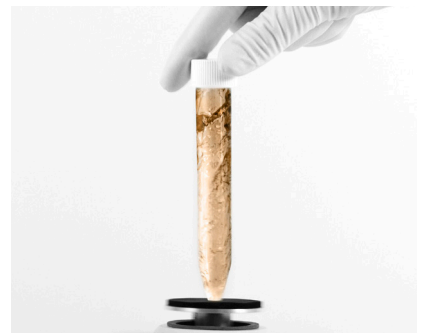
Model **V-32** is a universal vortex multipurpose device with different accessories. It is supplied with a 32-socket universal platform PV-32 for Eppendorf type tubes up to 15 ml (1.5/0.5/0.2 ml - 16/8/8 sockets) and a PL-1 head for vortexing a single tube up to 50 ml. An optional 6-socket platform PV-6/10 for 10 ml tubes (maximum tube diameter 15 mm) or a platform PV-48 for 6 strips of 8 0.2 ml microtubes can be supplied on request.

 Product video is available on the website

Basic Plus Product Class



Platform PL-1 for V-32



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SPECIFICATIONS

	V-1 plus	V-32
Mixing principle	Vibro Eccentric	
Speed control range	750-3,000 rpm	500-3,000 rpm
Acceleration time	< 1 sec.	3 sec.
Maximum continuous operation time	8 hrs.	
Mixing module for tubes	from 0.2 to 50 ml	
Maximum mixing volume	30 ml	45 ml
Maximum load	30 g	45 g
Orbit	4 mm	2 mm
Dimensions (W×D×H)	90×150×80 mm	120×180×100 mm
Weight	0.8 kg	1.5 kg
Input current/power consumption	12 V, 320 mA/3.8 W	
External power supply	Input AC 100-240 V, 50/60 Hz; Output DC 12 V	

ORDERING INFORMATION:

Cat. number

V-1 plus BS-010203-AAG

V-32 with standard platforms PL-1 and PV-32 BS-010207-AAG

Optional platforms for V-32:

PV-6/10 platform for 6 - 10 ml tubes (max. Ø 15 mm) BS-010207-BK

PV-48, platform for 6 - 8 x 0.2ml strips or 48 tubes of 0.2 ml BS-010207-GK

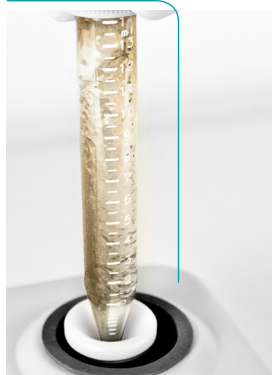
V-1 Plus



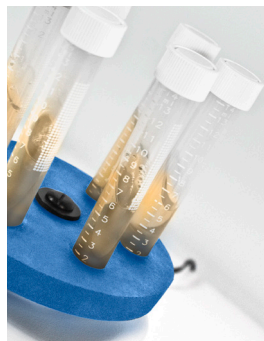
V-1 Plus



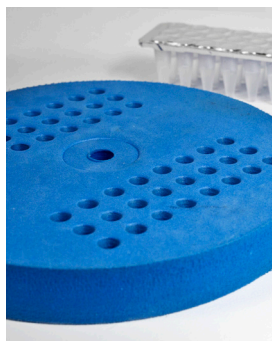
V-1 Plus



Platform PV-6/10 for V-32



Platform PV-48 for V-32



V-32 with platform PV-48

