

# Portable Fume Extraction Systems

## BVX-100 Benchtop Single User Arm/Plenum System

- ▶ Quiet unit
- ▶ Portable, single user unit
- ▶ No external ducting or compressor needed
- ▶ Powerful 85m<sup>3</sup>/hr-airflow rate
- ▶ Unit easily fits on and under any workbench
- ▶ Innovative adaptor transforms the plenum into an arm
- ▶ Immediate extraction of fumes, particles and vapors
- ▶ Two filtration configurations: heavy soldering and light dust or light duty organic solvent and adhesive applications
- ▶ Bi-colored LED light indicates when the filters are blocked and require replacing



Part No.	Description
BVX-101	Bench-Top, single user arm/plenum system, Pre-HEPA-Gas
BVX-103	Bench-Top, single user arm/plenum system, Pre-Gas

### Filters

FG-BVX	Deep Bed Gas Filter
FM-BVX	Main Filter (Combined HEPA/Gas)
FP-BVX	Pre-Filter (Pack of 5)

### Accessories

BVX-ADT	Replacement Arm-To-Plenum Adaptor
BVX-IADT	Inverted Arm Adaptor, ESD Safe
BVX-BCK	Under Bench Mounting Bracket
BVX-CH01	Connection hose, 50mm (2") diameter, 1.8m (6') long
BVX-TB01	Table bracket with 2 C-clamps



Filters are easy to remove and replace.

## BVX-200 Two Stations Portable Filter Unit

- ▶ Two station arm design for dynamic fume extraction
- ▶ Quiet brushless motor
- ▶ Complete portability, placed under or next to the bench-top
- ▶ Fitted with 2x 50mm (2") Ø arms or 1x 63mm (2.5") Ø arm
- ▶ Main filter has a HEPA efficiency of 99.97% at 0.3 micron, and an activated carbon filter to remove additional gases
- ▶ Deep-bed gas filter for high capacity of gas filtration, such as cleaning with solvents or conformal coatings
- ▶ Audible alarm informs operators when filters need replacing
- ▶ Easy access bench-top on/off remote switch



Part No.	Description
BVX-201	Filter unit for 2 stations, Pre-HEPA-Gas
BVX-203	Filter unit for 2 stations, Pre-Deep Bed Gas
BVX-201-KIT	Filter unit with 2 BVX-ARML, Pre-HEPA-Gas
BVX-201-KIT1	Filter unit with 2 BVX-ARM-K1, Pre-HEPA-Gas

### Filters

FP-BVX200	Pre-Filter (Pack of 5)
FM-BVX200	Main Filter HEPA Carbon
FG-BVX200	Deep Bed Gas Filter

### Accessories

BVX-ARM-K1	BVX-ARM 760mm (30") with 1.8m (6') long hose & table bracket w/ C-clamps
BVX-ARM-K2	BVX-ARM 760mm (30") & table bracket w/ C-clamps
BVX-ARM	Arm flexible ESD safe, 760mm (30")
BVX-ARML	Arm flexible ESD safe, 1.5m (59") with arm clip
BVX-TB01	Table bracket with 2 C-clamps
BVX-CH01	Connection hose, 50mm (2") diameter, 1.8m (6')
BVX-CH02	Connection hose, 50mm (2") diameter, 3.6m (12')
RPS-1	Remote power switch (for use with BVX-200 only)



### Technical Specifications

	BVX-100	BVX-200
Static Pressure (suction force)	1250 Pa (5"WC)	850 Pa (3.5"WC)
Fan Capacity	110m <sup>3</sup> /h (65 cfm)	250m <sup>3</sup> /h (150 cfm)
Flow Rate (with filter)	85m <sup>3</sup> /h (50 cfm)	2 x 75m <sup>3</sup> /h (45 cfm)
Air Inlets/Number of Stations	1	2
HEPA Efficiency	99.97% at 0.3 micron	99.97% at 0.3 micron
Noise Level	< 55 db A	< 55 db A
Dimensions (W x D x H)	300mm x 230mm x 290mm (11.8" x 9.1" x 11.4")	508mm x 254mm x 388mm (20" x 10" x 15.3")
Weight	9kg (20lbs)	9kg (20lbs)
Voltage	100-240 VAC	100-240 VAC
Frequency	50-60 Hz	50-60 Hz
Power	85 watt	85 watt
Certification	UL, CSA, CE	UL, CSA, CE
		3.6 m (12') Max duct run