

Portable Fume Extraction Systems

[Fume Extraction]

BVX-100

Benchtop Single User Arm/Plenum System

- Quiet unit
- Portable, single user unit
- No external ducting or compressor needed
- Powerful 85 m³/h 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 & light dust or light duty organic solvent and adhesive applications
- Bi-colored LED light indicates when the filters are blocked and require replacing



Part Number	Description
BVX-101	Bench-Top, single user arm/plenum system with Pre-, HEPA/Gas-Filter
BVX-103	Bench-Top, single user arm/plenum system with Pre-/Gas-Filter

Filters

FG-BVX	Deep Bed Gas Filter
FM-BVX	Main Filter, HEPA/Gas (Carbon)
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, Ø 50 mm (2") x 1.8 m (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
- For use with 2 Arms Ø 50 mm (2") or 1 arm Ø 63 mm (2.5")
- 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 Number	Description
BVX-201	Filter unit for 2 stations with Pre-, HEPA/Gas-Filter and Remote Switch
BVX-203	Filter unit for 2 stations with Pre-, Gas-Filter and remote Switch
BVX-201-KIT	Filter unit with 2 BVX-ARML with Pre-, HEPA/Gas-Filter and Remote Switch
BVX-201-KIT1	Filter unit with 2 BVX-ARM-K1 with Pre-, HEPA/Gas-Filter and Remote Switch

Filters

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

Accessories

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

System Specification	BVX-100	BVX-200
Static Pressure (suction force)	1250 Pa (5"WC)	850 Pa (3.5"WC)
Fan Capacity	110 m ³ /h (65 cfm)	250 m ³ /h (150 cfm)
Flow Rate (with filter)	85 m ³ /h (50 cfm)	2 x 75 m ³ /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 dBA	< 55 dBA
Dimensions (W x D x H)	300 x 230 x 290 mm (11.8" x 9.1" x 11.4")	508 x 254 x 388 mm (20" x 10" x 15.3")
Weight	9 kg (20 lbs)	9 kg (20 lbs)
Input Line Voltage	100 - 240 VAC	100 - 240 VAC
Frequency	50 - 60 Hz	50 - 60 Hz
Power	85 W	85 W
Certification	cTUVus, CE	cTUVus, CE
Max duct run	1.8 m (6')	3.6 m (12')