

# 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 2 x 50mm (2") Ø arms or 1 x 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 (20 lbs)	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



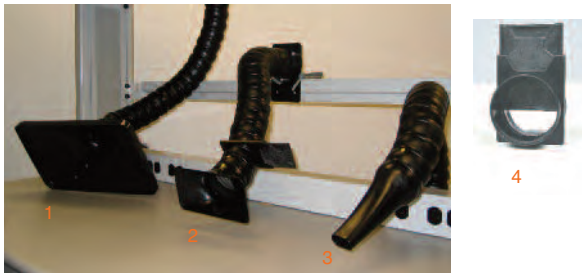
# Omniflex & BVX Arms



The **Omniflex Arms** (Ø63mm) are designed for higher airflow rates and effective fume capture from greater distances. A unique ball/socket design provides an unmatched flexibility in manoeuvring and positioning. The arms can be adjusted in working length or radius, simply by adding or removing Omniflex components. ESD conformance is ensured through the use of fully conductive material.

## Key Features & Benefits

- ▶ 140m<sup>3</sup>/h (85cfm) air flow rating (varies with nozzle)
- ▶ 63mm (2.5") diameter
- ▶ 0.6m (24") long with optional extensions of 300mm (12")



Part No.	Description
EA1122	2 Omniflex Arm ESD with Rectangular Nozzle
EA1124	3 Omniflex Arm ESD with Tapered Nozzle
EA1126	1 Omniflex Arm ESD with Large Hood 350 x 212mm (14" x 8.5")
Q-AD426530	Replacement nozzle - Rectangular
Q-AD426550	Replacement nozzle - Tapered
Q-AD426560	Replacement nozzle - Large Hood
AC1101	4 Damper for Omniflex Arm
AC1102	Omniflex Arm Extension 30cm (12")

\*BVX-200 series is only rated for one EA1122 arm, one EA1126 arm or two EA1124 arms.



The **BVX Arms** (Ø50mm) are the most economical solution while providing good airflow rates and high flexibility. The spiral rolled duct can be tightened in stiffness and can be positioned precisely. The BVX Arm-K2 kit includes a mounting plate and c-clamps for universal mounting. A Y-connection piece is available to connect two BVX Arms to one hose.

## Key Features & Benefits

- ▶ 75m<sup>3</sup>/h (45cfm) air flow rating
- ▶ 50mm (2") ducting with 40mm (1.75") nozzle
- ▶ 760mm (30") long
- ▶ BVX Arms compatible with all units

Part No.	Description
BVX-ARM-K1	5 1 BVX-ARM 760mm (30") long with 1.8m (6') long hose and table bracket with C-clamps
BVX-ARM-K2	1 BVX-ARM 760mm (30") long and table bracket with C-clamps
BVX-ARM	Arm flexible ESD safe, 760mm (30") long
BVX-ARML	Arm flexible ESD safe, 1.5m (59") long with arm clip
BVX-NOZ1	Replacement ESD nozzle, 40mm dia

## Connection Hoses for Omniflex and BVX Arms

CH0251	6 Connection Hose 2.5m x Ø63mm (8' x 2.5") with clamps
CH0252	6 Connection Hose 3.5m x Ø63mm (12' x 2.5") with clamps
CH0253	6 Connection Hose 7.5m x Ø63mm (25' x 2.5") with clamps
AC2025	7 Y-Piece for Ø63mm (2.5") hose with clamps



# Tip Extraction

## BTX-208 Portable Tip Extraction Unit

### Key Features & Benefits

- ▶ High performance extraction directly from the tip of any iron
- ▶ Easy extraction network configuration for up to 8 benches
- ▶ Complete portability. Designed for under-bench installation
- ▶ Main filter has a HEPA efficiency of 99.97% at 0.3 micron, and an activated carbon filter to remove gases
- ▶ Both pre- and main- filters can be changed independently
- ▶ Plug-and-play ducting system for simple, flexible low cost solution and fast installations
- ▶ Universal hose connection kit

Part No.	Description
BTX-208	Filter Unit for 8 Tip Extraction Stations, Pre/HEPA/Gas

### Filters

FP-BVX200	Pre-Filters (pack of 5)
FM-BVX200	Main Filter, HEPA 99.95% / Carbon

### Iron Adapter Kits

AC-FX1	Universal tip extraction iron adapter clip
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### CONNECTION KITS:

BTX-CK2-25	Connection Kit for 2-4 stations with 2.5m (8') Long Hose
BTX-CK4-50	Connection Kit for 4-8 stations with 5m (16') Long Hose
BTX-CK4-75	Connection Kit for 4-8 stations with 7.5m (25') Long Hose

### Individual Parts

CH0121	1	Flexible Hose Ø35mm x 2.5m (8') Long
CH0122	1	Flexible Hose Ø35mm x 5m (16') Long
CH0123	1	Flexible Hose Ø35mm x 7.5m (25') Long
AC-TX001-4	2	Couplings with 2 Glands 5.6mm (pack of 4)
AC-TX002-2	3	T-Piece Connector (pack of 2)

CONNECTION KITS		BTX-CK2-25	BTX-CK4-50	BTX-CK4-75
Max number of stations	single-row bench	2	4	4
	double-row bench	4	8	8
		<b>Qty</b>	<b>Qty</b>	<b>Qty</b>
1	Flexible Hose Ø35mm (1.25")	2.5m (8')	5.0m (16')	7.5m (25')
2	Coupling with 2 Glands 5.6mm 2	4	4	
3	T-piece Connector	0	1	1
-	Roll of Vinyl Tape	1	1	1

### Technical Specifications

Max. number of stations	8
Flow Rate per station	>28 l/min
Noise Level	< 55 db A
Dimensions (W x D x H)	508mm x 254mm x 388mm (20" x 10" x 15.3")
Weight	9kg (20lbs)
Voltage	100-240 VAC
Frequency	50-60 Hz
Power	85 Watt
Max Duct Run	30m (100')
Certification	UL/CSA/CE



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