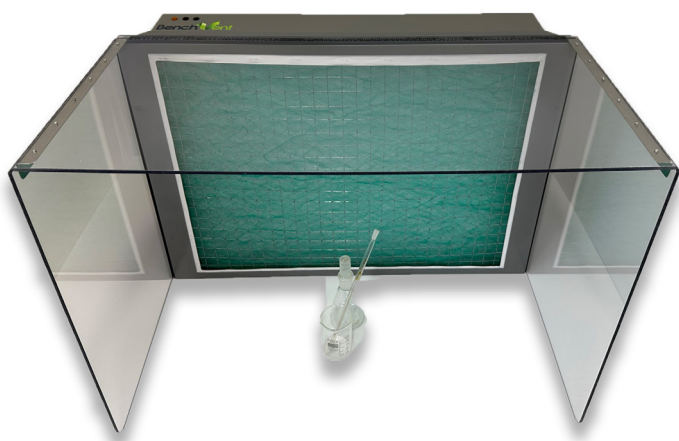


## BV700S-C TECHFLO FILTER BOOTH



### TECHNICAL SPECIFICATION

Dimensions (L x D x H)	700 x 610 x 515 mm
Weight	37 kg
Electrical Specification	230 V 50 Hz, 210 W 110 V 60 Hz (optional)
Air Volume	710 m <sup>3</sup> /hr
Average Air Velocity @ Filter Face	0.55 m/sec
Average Air Velocity @ Hood Face	0.50 m/sec
Filters	Particle Filter - IFA2 Carbon Filter - AC100 Fine Filter - EPA (option)
Noise Level	62 db(A)

### DESCRIPTION

The BenchVent BV700S-C is a large dual-speed high-efficiency filter cabinet with clear acrylic capture shield to contain and filter for a cleaner, healthier working environment. The high quality and high performance design sees the BV700S-C in operation in dental labs, electronic design & rework, pharmaceutical labs and design & technology environments. It is also suitable for use in the education sector.

### FILTRATION

The particulate filter is a three stage graduated fibre filter (filtration to approx. 0.5 micron particles) with a high "dust" holding capacity for long life. (Optional EPA filters available to filter up to 0.3 micron particles). This is followed by a high grade bonded, activated carbon filter. Through the process of filtration, adsorption and dilution, the operator exposure to potentially hazardous substances is vastly reduced or eliminated.

### OPERATION

The BV700S-C has been designed so it can be used in numerous situations where external venting is impractical but where contaminant capture, containment and filtration is necessary. It's small footprint makes it ideal for the active filtration of fumes, vapour and particulates emanating from: monomers, adhesives, hazardous powders/particulates, conformal coatings, resins, sealants, solders, light grinding particles and dusts, organic solvents etc.

These units are designed for immediate operator protection from concentrations of airborne contaminants whereby gases, fumes, vapours and particulates at the front of the unit are drawn into the intake filter. Cleaned air is exhausted to the top rear of the cabinet.

The folding PETG shield can be stored if not required thus reducing the unit footprint considerably. Handling and / or use of potentially harmful substances is carried out in front of the intake filter area. Cleaned air is vented to the top rear of the units.

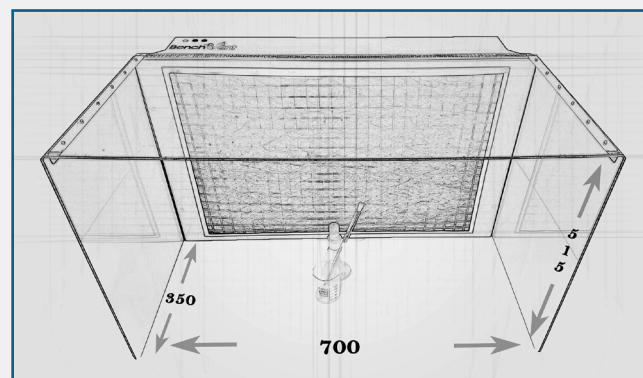
### CONSTRUCTION

- Steel construction finished in dove grey
- Clear PETG folding plastic fume shield
- Particulate filter / 7 kg bonded carbon filter
- 2 x centrifugal blowers, external rotor motor type brushless
- UL, VDE and CSA approved
- Sealed electrical wiring and switch, downstream of filters
- Dual speed control

### APPLICATIONS

Monomers/Adhesives/Hazardous Powders/  
Particulates/Conformal Coatings/Resins/Sealants/  
etc.

### DIMENSIONS



AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT