




## Fume Extractor/Fine Duct Collector for **inject printer** / for safe filtration of smoke /dispensing of toxic chemical in store or laboratory Application (Efficiently clean **BOSS office** from cigarette smoke safely with carbon filtration)

Description	Image
<p><b><u>PORTABLE DUST SMOKE COLLECTOR</u></b></p> <p>Smoke/ fine dust purifier is a kind of high efficiency air purifier designed for industrial exhaust fumes . The structure is composed of vacuum pipe, high efficiency filter, Activated Carbon Filter, special vacuum fan and touch microcomputer controller Air purification system. Widely used in, chemicals store, Laboratory, pharmaceuticals (over head inject printer, Portbale fume hood for QC lab) Cosmetic , Medical device, food, biological and other industries and toxic welding smoke, smoke, dust pollution</p> <p>Filtration system</p> <p><b>INTERGRATED BODY DESIGN</b></p> <ul style="list-style-type: none"> <li>✓ –structured with metal framework and processed with electrostatic spraying for premium cold-rolled steel sheet, is corrosion-resistant, environment-friendly and durable.</li> </ul> <p><b>FOUR -STAGE PURIFICATION DESIGN</b></p> <ul style="list-style-type: none"> <li>✓ filtering step by step enables harmful smoke to be better purified. Even for objects at least 8 times smaller than PM2.5, the purification rate can reach up to 99.97%.</li> <li>• <b>THE 1.4M UNIVERSAL SMOKE SUCTION ARM</b> <ul style="list-style-type: none"> <li>✓ which can be positioned and oriented arbitrarily (its length may be regulated according to customer requirements, without the support of external force). (A patent application has been filed.)</li> </ul> </li> </ul> <p><b>ADOPT DC BRUSHLESS MOTOR</b></p> <ul style="list-style-type: none"> <li>✓ that has stable performance and long service life. Low noise, high efficiency, low energy consumption, zero maintenance and zero consumable.</li> </ul> <p><b>Principle</b></p> <p>The main components include: universal vacuum arm, high temperature dust hose, dust cover (with air volume control valve), fire retardant net, flame retardant and efficient filter, pulse blower, pulse solenoid valve, pressure gauge, clean Room, activated carbon filter, sink drawer combination, flame-retardant sound-absorbing cotton, with a new brake casters, fans, ABB motors and electric control boxes.</p> <p><b>Technical specification</b></p> <p>Air inlet interface : <math>\Phi 75\text{mm} \times 1\text{flange}</math>  Power: 200W/220V  Speed : 4500 rpm  Nagitave pressure: 22000Pascal  Speed/ load + 23m/s  Filtration : <math>.3\mu\text{m}</math> (99.97%)  Noise: &lt; 60dB  Flow rate 23 m<sup>3</sup>/h  Dimension: 420x245x400mm  <b>Make: SAF , Hong Kong</b></p>	



## 3 Stages / Circulation / Efficient

Effective filtration rate of  $>0.3\mu\text{m}$  particulates, filtration rate 99.99%.



- ① **Pre- air filter media**  
Interception of  $50\mu\text{m}$  particulates in smoke, the replacement for 6 month (can be repeatedly washed )
- ② **Medium efficiency media**  
Filter  $>0.3\mu\text{m}$  particles in smoke and the purification efficiency reaches 99.97%, the replacement period is 6 months.
- ③ **Active carbon HEPA filter**  
Adsorption of toxic and harmful gas, the purification efficiency can be up to 96%, the replacement cycle 6 months.



# TECHNOCRATIC SERVICES

ISO 9001:2015 Certified Company

Smoke hood

Smoking pipes

Flanged inlet

LED control panel

Casters

Insulated handle

Side vent

Power supply







# TECHNOCRATIC SERVICES

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## COMPONENTS PARTS



Host



3 Stage filters



Bamboo tube



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