



Solder Fume Extractor

Model: XS-080 / XS-180

Operation Instruction

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XS-180

XS-080

STRUCTURE AND DIMENSIONS

Model	XS-080	XS-180
Input Voltage	AC220V / 110V	AC220V / 110V
Maximum Power	80W	135W
Filters	3 layers	3 layers
Air Velocity	14 m/s	2 x 10 m/s
Systemic Flow	180 m³/h	2 x 125 m³/h
Noise Level	< 55 dB	< 63 dB
Filtering Efficiency	0.3µm 99.97%	0.3µm 99.97%
Length of Duct	1.2m	1.2m
Air Inlet Interface	ø65mm X 1	ø65mm X 2
Dimensions of Main Unit (mm)	L280 x W280 x H430	L280 x W280 x H500
Weight (excluding the duct)	9 kg	10 kg

Main Features:

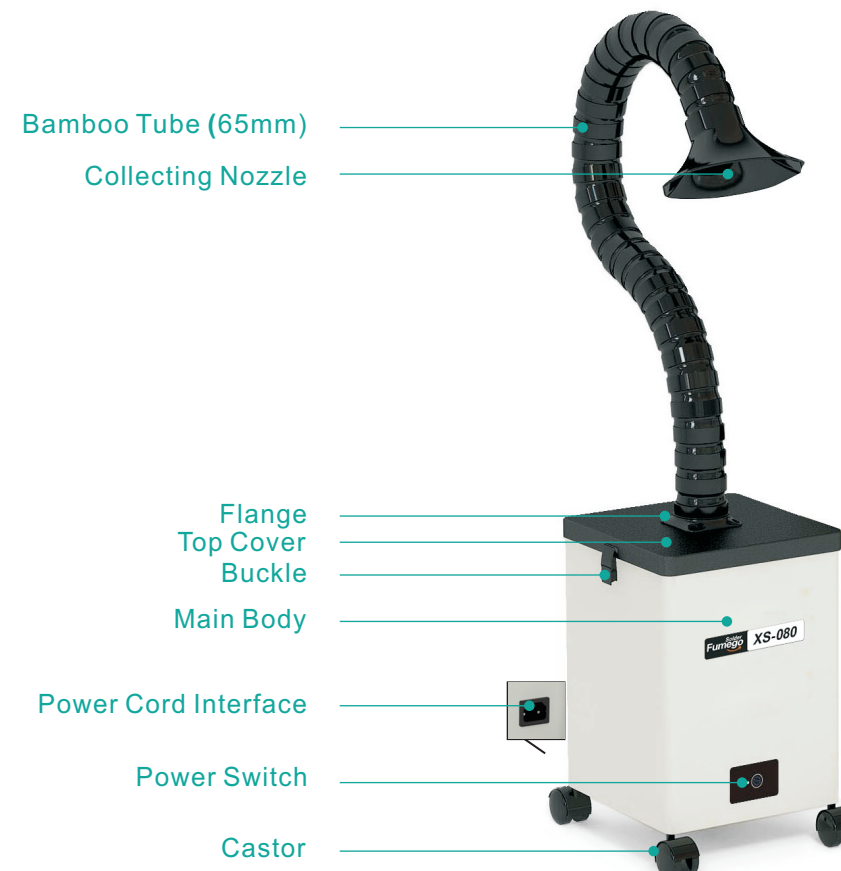
1. New economic version, lower cost;
2. Smaller size, but with bigger filtering capacity;
3. 360° dirt filtering design increases the dirt holding capacity by two times;
4. DC frequency conversion motor, intelligent and energy-saving, with a life-span as long as 40K hours;
5. New diamond-shaped nozzle greatly increases the extraction area.

PRODUCT OVERVIEW

1. Applications: Solder FumeGo fume extractors are mainly used to eliminate the smoke and dust generated during the soldering process in electronics manufacturing, automobile manufacturing, etc.
2. Our fume extractors have obtained CE security certification and the purifying effect has been confirmed by American PONY international professional testing agency with the certificates as below. The purified air can be discharged indoors directly.

Name of Parts	Q'ty	Specification
Main Unit	1	
Power Cord	1	1.5m 10A/250V
Duct	1/2	ø65mm X 1.2m
Nozzle	1/2	
Operation Instruction	1	
Pre-filter	1	
Middle Filter	1	
Main Filter	1	
Remote Control	1	

APPEARANCE STRUCTURE



Note: tube length can be customized according to customer's requirements.

PRECAUTIONS

Before operation, please take note of the following safety precautions in order to avoid fire or inquiries.

1. The input voltage should be within the rated voltage range. Please follow the power rating identification on the machine. Please do not use the machine when the voltage is too high or too low.
2. The environment temperature of fumes or dust extracted into the air inlet must be within -10°C~45°C, above or below which are prohibited.
3. The environment humidity of fumes or dust extracted into the air inlet must be within 40%~ 80%. The humidity higher than 80% will damage the interior circuit of the machine and cause quick failure of the filters.
4. The filters are not washable and cannot be reused. Please replace the filters regularly, so as to ensure the machine to work properly.

USE REFERENCE

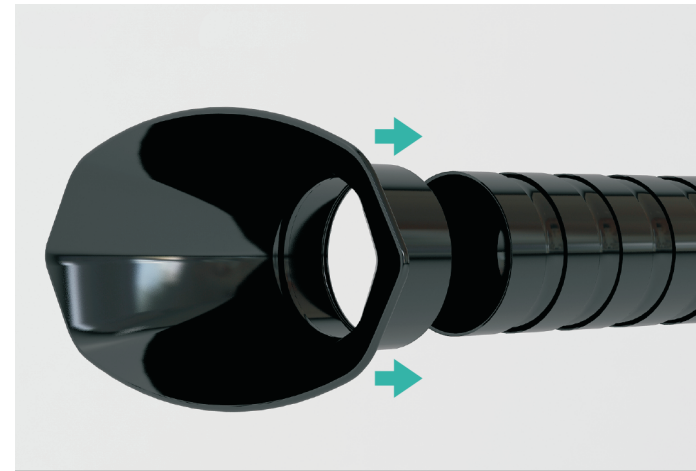
Case①



Case②



Installation of Smoking Cover



Installation of Smoking Pipe



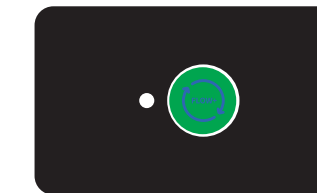
OPERATIONAL INSTRUCTIONS

1. Install the smoking pipe into the flange of the top cover and connect the other end to the collecting hood; Rotate the pipe and adjust the direction of the collecting hood according to the use situation.

Note: when adjusting the direction of the pipe, try to keep the pipe bending smoothly, otherwise it will affect the suction power. The collecting nozzle should be directly opposite the working point, and the distance should be kept within 15cm as far as possible, so as to ensure that the smoke and dust can be fully inhaled.

Note: please do not use this machine in the places with large air mobility, so as not to reduce or disappear the suction; Properly adjust the length of the pipe, the longer the pipe, the smaller the suction; Conversely, the suction is bigger.

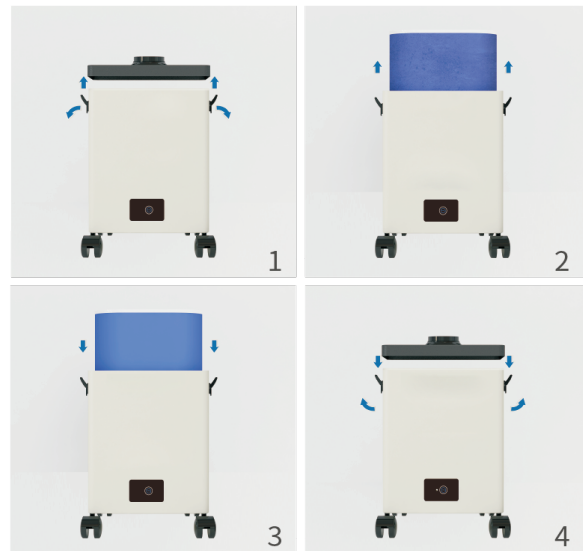
2. Connect the power cord and check whether the power plug is stable and firm.



Switch Operation

- Gear 1: turn on the machine, at low speed
 Gear 2: at middle speed
 Gear 3: at high speed
 Gear 4: turn off the machine

FILTER REPLACEMENT

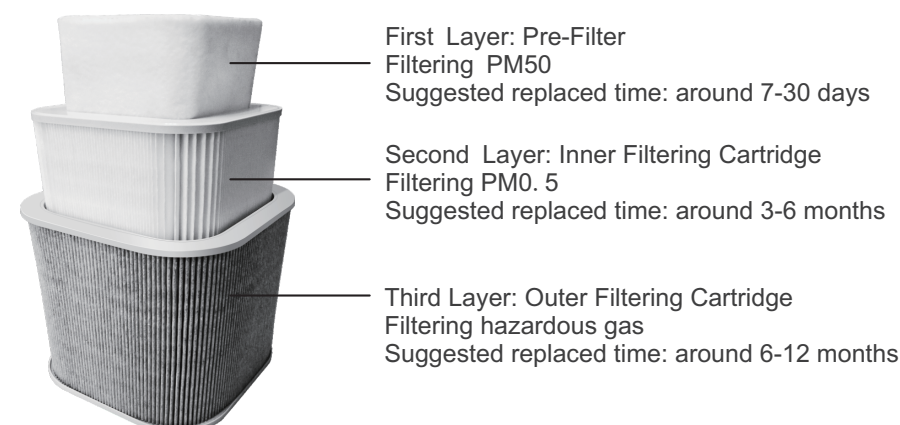


1. Open the side buckles and remove the top cover
2. Remove the saturated filters
3. Put the new filters into the machine smoothly
4. Install the top cover and fasten the buckles

Note: the top cover should be installed on the box smoothly; When there is a tilt, do not force into, otherwise may damage the box and buckles.

FILTERS REPLACEMENT AND MAINTENANCE

1. The filters should be replaced regularly to ensure the machine works in good condition. Please be sure to cut off the power before replacing and maintaining the filters.
- * Must be used the original filters, otherwise the company will not be responsible if the machine failure according to this reason.
2. The bamboo tube should be cleaned regularly so as not to cause the filter to block too quickly.
3. When the power suction is reduced, check whether the filter should be replaced.
4. When replacing the new filter, indicate the replacement date.
5. When installing and removing the filters, should hold the frame with both hands, slowly put in and out. When handling, cannot put hands inside the filter core to avoid deformation or damage of the filter material and affect the filtration effect.



First Layer: Pre-Filter
 Filtering PM50
 Suggested replaced time: around 7-30 days

Second Layer: Inner Filtering Cartridge
 Filtering PM0.5
 Suggested replaced time: around 3-6 months

Third Layer: Outer Filtering Cartridge
 Filtering hazardous gas
 Suggested replaced time: around 6-12 months

FAULT HANDLING

Attention: Make sure to switch off the power before checking and repairing the machine.

Problem 1: The machine is still working, but the air flow is weak and the power suction is greatly reduced.

Cause: The air inlet is blocked or the filter reaches saturation, resulting in blockage.

Solution: turn off the power, open the top cover, check whether something blocked the air inlet; Check the air outlet, too. If air inlet and air outlet were not blocked, reboot the machine. If the power suction is still small, then replace the filters.

Problem 2: The machine shuts down automatically immediately after starting up and repeats the same problem after re-start.

Cause: The internal air flow is impassable, the filter core resistance is too large, causing electric current is too large when fan start, automatic protection shutdown.

Solution : turn off the power, open the top cover, check whether something blocked the air inlet; If not, set to the lowest wind level, and then reboot the machine to a suitable wind level.