

Mobile Welding Fume Extractor



Mobile welding fume extractor has two directional and two rotary polyurethane casters with brake device for easy moving and stationing. It is suitable for the purification of fume and dust generated in all kinds of welding, grinding and other places as well as for collecting rare metal particles and precious material.

Suction arm can be rotated by 360° and can reach the position flexibly and easily by pulling the handle on the hood and position in the absence of external force. Depending on needs, 2m, 3m flexible suction arm are available. Suction arm uses high temperature resistant, flame retardant and wearable composite material, it will not crack after burning through by spark and has a longer usage life. The diameter of suction arm is 160mm.

The fume comes from the processing will be sucked into the extractor through the hood, first the fume passes the 1st layer preventer plate which will ramify the fume to avoid residual sparks enter into HEPA filter layer directly. Finally, the fume enters the second layer of HEPA filter cartridge for ultimate purification, and HEPA's filtration efficiency can reach 99.9%. As the filtering precision of the main filter cartridge reaches the indoor emission standard, the filtered clean air can be directly discharged indoor via the vent in the bottom of the extractor.

The filter cartridge of the welding fume extractor is made of imported filtering material of high filtration precision and can filter out welding fume of 0.5µm. According to the extractor's work intensity and the amount of dusts, the usage life of the filter cartridge is different. The corresponding indicator on the control panel will light up to indicate different conditions and a power phase sequence indicator, phase absence and short-circuit protection are set inside. It is equipped with automatic shutdown mechanism when the temperature is too high (optional).

On the control panel, it includes:

- Fan switch
- Pressure difference gauge

Technical Data:

Model	KSJ-0.7S
Fan Air Flow	2000 ±100 m³/h
Air Flow Of Treatment	1000 m³/h
Power	0.75/1.1 kW
Working Voltage	220V/50Hz or 115V/60Hz
Filtering Material	Nanometer Fiber
Filtering Area	15 m²
Filtering Efficiency	>99.9%
Filtering Precision	≥0.5 µm
Filter Cartridge	1 PC
Cleaning Way	Manual Cleaning
Maximum Pressue	1900 Pa
Compressed Air	0.5~0.6 MPa
Noise Level	≤74±5 dB (A)
Dimension (WxDxH)	510x610x990mm
Net Weight	98 ±5 KGS

Order No.	Description
C0604007000	Economical fume extractor
C0301201500	Suction arm 2m length, φ160mm, 1 Piece
B007000370	Plastic suction hood with adjustable blast gate
B033000200	Stainless steel suction hood (Optional)



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On the control panel, it includes:

- Fan switch
- Pressure difference gauge

Technical Data:

Model	KSJ-2.2S
Fan Air Flow	3600 ±100 m³/h
Air Flow Of Treatment	2000 m³/h
Power	2.2 kW
Working Voltage	3x415V/50Hz or 1x220V/50Hz
Filtering Material	Nanometer Fiber
Filtering Area	30 m²
Filtering Efficiency	>99.9%
Filtering Precision	≥0.5 µm
Filter Cartridge	1 PC
Cleaning Way	Manual Cleaning
Maximum Pressue	2200 Pa
Compressed Air	0.5~0.6 MPa
Noise Level	≤74±5 dB (A)
Dimension (WxDxH)	640x760x1320 mm
Net Weight	135 ±5 KGS

Order No.	Description
C0604022000	Economical fume extractor
C0301301500	Suction arm 3m length, φ160mm, 2 Pieces
B007000370	Plastic suction hood with adjustable blast gate
B033000200	Stainless steel suction hood (Optional)

