

ESP-M Mobile Electrostatic Filter



Description

Mobile electrostatic filter ESP-M is designed for extraction and cleaning of welding fumes and fine non-metallic dust with particle sizes down to 0,05 microns. Due to its capacity, usage of ESP-M is recommended for temporary works or low intensity applications. ESP-M units are supposed to be used with one or two standard extraction arms, which are ordered separately. In addition to long-life electrostatic filtration system, ESP-M can be equipped with additional carbon filter cartridge to absorb gaseous substances and odors.

Industries and applications

- Welding processes
- Dust extraction
- Soldering

Restrictions

- Not suitable for extraction of any type of metallic dust
- Not suitable for continuous operation and for high-intensity applications
- Not suitable for welding fume extraction of aluminum or other non-ferrous metals

Features

- Built-in alarm system
- Low lifetime costs
- Big reliable wheels and castors
- Washable filtration cells
- Additional carbon filter (option)
- Compatible with all standard extraction arms

Article numbers / Technical characteristics

Article №	Model	Max airflow, m ³ /h	Filtration surface, m ²	Cleaning efficiency	Number of connections for extraction arms	Weight, kg
5473	ESP-M-1600c	1500	16,4	92%	1	120
5475	ESP-M-2-1600c				2	

Extraction arms suitable for EMK filters

Article №	Model	Reach area, m	Built-in light
5359	BEA-M-2S	2	-
6130	BEA-M-2SL		with light
5361	BEA-M-3S	3	-
6131	BEA-M-3SL		with light
5363	BEA-M-4S	4	-
6132	BEA-M-4SL		with light

Delivery set / Standard kit info

- Built-in fan
- 2 x wheels
- 2 x castors
- Flange for extraction arm connection
- Power cable with plug (220 V)
- Control panel
- Ionization cell
- Precipitation cell