

MG-SERIES MG400



## MOBILE FILTER SYSTEMS

MG400 is a mobile filter system with integrated prefilter and a combined particle- and gas filter. Can be connected to eight extraction arms or two CBC-A air curtain cabinets.

Due to mobility, low energy consumption and long filter lifetime, MG400 has low running costs.

MG400 can be equipped with a special filter suitable for different applications. For example use in cleanroom environments or for different kinds of process air such as soldering, gluing, solvents, ammonia, etc.



***For better workbench environment!***

# MG400

MG400 is a bigger mobile filter system designed to catch and eliminate polluted process air on the workbench. Suitable applications are processes in cleanrooms, soldering, gluing, laboratory work, laser work, etc.

MG400 has the same filter concept as the other MG filter systems but with a large integrated prefilter.

The main filter is a combined gas and particle filter with verified separation of both gases and particles, and is unique in the market.

The suction capacity is 400 m<sup>3</sup>/h, this makes the MG400 suitable to use as a smaller central system. It has possibility to connect up to eight 60 mm extraction arms or two CBC-A air curtain cabinets.

Blower capacity, filter life time and alarm functions are monitored via the remote control.

MG400 can be connected to exhaust air.

MG400 is a mobile unit and can easily be moved between different work places. It has minimal service needs and a long filter lifetime.

The flexibility of the filter system, the independence from fixed installations, combined with low running costs create a unit with very low cost of ownership.



## MOBILE FILTER SYSTEMS

### Technical data

Max suction capacity with standard filter, m <sup>3</sup> /h (CFM)	400 (235)
Sound level dB(A) at 1 m	<55
HEPA class micro filter - separation degree, DOP%	>99,97
Gas filter - chemisorbtion - separation degree, %	>95
Gas filter media, standard filter	UL class 1
Power, W	300
Voltage, V	115/230
Remote control	yes
Height, mm (in)	1016 (40)
Width, mm (in)	796 (31,3)
Depth, mm (in)	402 (15,9)
Weight, kg (lb)	68 (150)
Warranty, except for filters, years	2
Process air 0-50 °C (32-122 °F)	

### Part number

Filter system MG400	450-1000-ESD
<i>Complete with remote control.</i>	
Micro/gas filter, standard (4 pcs)	450-2000-ESD
Micro/gas filter, clean room (4 pcs)	450-2002-ESD
Micro/gas filter, solvents like MEK (4 pcs)	450-2003-ESD
Micro/gas filter, epoxy (4 pcs)	450-2005-ESD
Micro/gas filter, ammonia (4 pcs)	450-2006-ESD
Micro/gas filter, carbon dioxide (4 pcs)	450-2007-ESD
Prefilter (2 pcs)	450-4000

Filtronic AB is striving to create a better workbench environment by developing and producing particle and gas filter systems of very high quality. The filter systems are easy to use and install, have a low noise level and a guaranteed function. Read more about us and our products at [www.filtronic.se](http://www.filtronic.se).



Filter Systems

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