



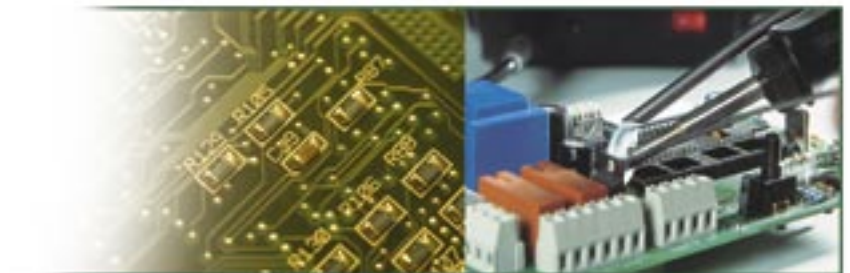
FUME EXTRACTION

Fume extraction eliminates gas and smoke created in different production processes. The fume extraction equipment improves your working environment and protects your health.

The units can be used for a variety of applications:

Soldering ◀

Glueing ◀



For a better workbench environment!



FT/FE/FC-SERIES FT11 / FT12 / FE3000 / FC15 / FC50

FUME EXTRACTION

➤ **Unique filter concept!**

The FT units has a unique and highly acclaimed filter concept. Gases may contain many complex molecules, and smoke may carry microscopic particles that can be easily inhaled. The filter is built to handle all dangerous substances in the workplace environment. Read more about the filter concept on the back page.

➤ **Silent!**

Noise pollution can make a workplace very uncomfortable, therefore every effort has been made to minimize the sound from the unit. Our goal is that you should not even notice the filter system is there!

➤ **Extraction right at the source of pollution!**

The most efficient way to take away the pollution is to contain it right from the source. With the tube only 10 mm away from the solder tip and a high air speed, the fumes are immediately extracted and processed in the filter.

➤ **Mobile or central units!**

We offer both mobile and central units. The mobile for smaller workplaces and for production where you want to be able to change the production layout easily. Central units for bigger standardized production.

➤ **ESD-safe!**

All fume extraction equipment is ESD-safe (exkl. FC15/FC50).

FT11

Filter unit with one inlet for one tip soldering iron. High vacuum system driven by compressed air.

FT12

Filter unit with two inlets for two tip soldering irons. High vacuum system driven by compressed air.

FE3000

Filter unit with two inlets for two tip soldering irons. High vacuum system driven by an electrical motor.

FC15

Central high vacuum system driven by an electrical motor. When connected to a central tube system this unit can serve up to 18 tip soldering irons. Remote control for speed and filter lifetime.

FC50

Central high vacuum system driven by an electrical motor. When connected to a central tube system this unit can serve up to 50 tip soldering irons. Remote control for speed and filter lifetime.



FC15



FC50

Filter concept!

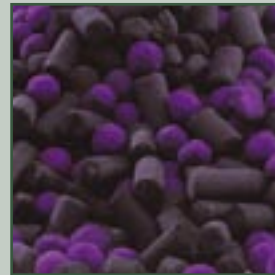
The unique filter system is built in three steps:

- Micro filter for particles
- Gas filter (for both low weight and high weight molecules)
- Dust filter

FT, FE filter units also includes a prefilter.

The filters are always developed and constructed to achieve maximum performance and tested and documented by a third party. This is a unique feature of the FT units in the market.

It must be easy to change a filter. That is why we have put all the different filterparts in one cartridge (except prefilter). You can easily change all the filterparts in one process, and within a few minutes.



Tested by a third party!

FT/FE/FC-SERIES FT11 / FT12 / FE3000 / FC15 / FC50

Technical data

	FT11 Bench top	FT12 Bench top	FE3000 Bench top	FC15 Central system	FC50 Central system
Max connected tip extraction tubes	1	2	2	18	50
Height/diameter (height/width FE3000) (mm)	200/120	200/120	335/280	385/920	385/920
Weight (kg)	1.5	1.5	6.7	30	30
Noise level dB(A)	37	37	42	53	56
Air consumption (L/min)	12	12	-	-	-
Air consumption (NL/min)	12-40	12-40	-	-	-
Suction capacity (L/min)	20-30	20-50	>50	1200	2100
Working pressure (bar)	3.5-7	3.5-7	-	-	-
Voltage (V)	-	-	115/240	240	240
Power (Watt)	-	-	45	400	1200
Micro filter separation degree (DOP%)	>99.99	>99.99	>99.99	>99.99	>99.99
Gas filter - chemisorbtion - separation degree (%)	>99	>99	>99	>99	>99

The idea of Filtronic AB is to create a better workbench environment. This is done by developing and producing fume extraction systems. Our systems are easy to work with, have a low sound level and guaranteed function. Proof of our success is that our fume extraction systems are sold over the whole world. Read more about us on www.filtronic.se



For a better workbench environment!

FILTRONIC AB
 Box 2284, SE-531 02 Lidköping, Sweden
 Tel: +46 (0)510 208 10, Fax: +46 (0)510 201 40, E-mail: office@filtronic.se

www.filtronic.se

