



## FT FILTER SYSTEMS

Highly effective fume extraction for elimination of polluted process air at the workbench in e.g. the electronics industry, workshops and engineering plants.

BT100 is a fume extraction system for one work station.  
With integrated prefilter, the BT100 is designed for applications with heavy fumes and a large amount of particles, such as lead-free soldering, micro welding and laser processes.

BT100 is available both as a table mounted and floor based model.



*For better workbench environment!*

## High filter efficiency

A high quality HEPA class micro filter, ensures that particles are removed efficiently with a separation degree as high as 99.97 % DOP at 0.3 micron, one of the best on the market. An activated carbon filter for gas filtration is integrated in the system.

## Pre-filter for longer lifetime

To increase the lifetime of the main filter BT100 is equipped with a high performance prefilter to collect particles from the polluted process-air. This is especially important in lead-free soldering applications where a large amount of particles are released. The prefilter is easy to change and gives a better total filter efficiency.

## High airflow

Airflow of 100 m<sup>3</sup>/h gives an ample capture area for smoke and particles.



BT100V is designed to be mounted on the workbench and is delivered as a kit with a 700 mm flexible arm and an Alfa nozzle.

Art.no:  
BT100V-kit 500-8121



BT100H is a floor based model and is delivered as a kit, with an extraction arm 3046 and an Alfa nozzle.

Art.no:  
BT100H-kit 550-8111

Both units can be delivered separately without arms and nozzles.

Art no:  
BT100V 500-1100  
BT100H 550-1200

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### Technical data (excl. extraction arm and nozzle) BT100H BT100V

	BT100H	BT100V
Max. suction capacity with filters (m <sup>3</sup> /h)	100	100
Blower capacity (m <sup>3</sup> /h)	245	245
Max. vacuum, Pa	1050	1050
Sound level, dB(A) 1 m	55	55
Voltage 1-phase 50/60Hz (Volt)	100-240	100-240
Power, W	100	100
HEPA class micro filter (tested separation degree DOP %)	99,97	99,97
Activated carbon gasfilter	Yes	Yes
Height (mm)	350	790
Width (mm)	300	300
Depth (mm)	610	300
Weight (kg)	8	9
Warranty, except for filters (years)	2	2



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).



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