The air purifiers

AirFilter Mini Typ HD 220-240 Volt, 50/60 Hz



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Product No.: 94100

Description

AirFilter Mini Typ HD 220-240 Volt, 50/60 Hz

The **TEKA AirFilter Mini** is a compact filter unit for laser and soldering fumes with low fume generation. It was developed specifically for workplaces in quiet surroundings and is designed for continuous operation. Typical applications are laser systems, the electronics industry and dental and medical technology.

At a glance

- **Three-stage filtration:** pre-filter and combination filter with main filter and activated carbon
- **Control:** plain-text display, power adjustable as required
- **Interface:** SUB-D9 with inputs and outputs for external devices
- **Drive:** continuous-duty turbine for continuous operation

Your benefits

- **Particles and gases:** The pre-filter retains coarser particles, while the combination filter separates fine particles and absorbs gases and odours with its activated carbon.
- **For quiet workplaces:** The unit is designed for workplaces in quiet surroundings, for example in laboratories or electronics manufacturing.
- **Connection to the laser system:** Via the SUB-D9 interface, the unit signals "filter full" and alarms. It can be started externally, and the suction power can also be controlled from outside.
- **Clear messages:** An optical and acoustic signal and plain-text messages indicate faults and maintenance.

Applications

Laser systems, electronics industry, dental and medical technology, workplaces with small amounts of dust and fumes.

Options

Refine 50 and Refine 100 pre-filter units for additional pre-separation.

The operating instructions are available in the Downloads tab. Further solutions for solder fume extraction can be found on our overview page.

Properties

Blower type:	Continuous-flow turbine, single-stage
Main filter quantity:	1
Volumetric flow (m³/h):	300
max. pressure (Pa):	15,000
Engine power (kW):	1.2
Supply voltage (V):	230
Connection frequency (Hz):	50/60
Current consumption (A):	9
Automatic cleaning:	No
Pre-filter:	M5

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Properties

Vorfilter:	ISO 16890 ePM10 > 50% (F5)
main filter:	Filter cartridge
Filter class:	DIN EN 1822 - H13
final filter:	Activated carbon filter mat
Separation efficiency (%):	> 99
Ansaugstutzen (mm):	2 x NW 50, 1 x NW 71, 1 x Kombi 50/75
Sound level (dB(A)):	58 – in accordance with DIN EN ISO 3744
Weight (kg):	40
Width (mm):	365
Depth (mm):	496
Height (mm):	626

Replacement parts



Replacement combi-filter for AirFilter Mini
Product No.: 10031941



Pre-filter set M5 Size: 280 x 280 x 20 mm
Product No.: 10033280

Accessories



Suction hose with two connectors
Product No.: 9631925

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