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. Our overview page shows more systems for laser fume extraction.

## 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 |
| **Vorfilter:** | ISO 16890 ePM10 > 50% (F5) |



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## Properties

| | |
|---|---|
| **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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