

*The air purifiers*

**TEKA**

# LMD 508



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## Description

# LMD 508

The mobile LMD 508 filter unit model has been designed to extract and filter fumes and fine dust particles. The system can be used to extract soldering fumes in electronics plants, to remove dust in laboratories or during the laser marking process of a range of materials.

The contaminated air passes through a three-stage filter package which cleans it at a filtration efficiency of more than 99.95 %. The third filter stage consists of an activated carbon granulate with a very large filter surface that is able to eliminate gases and odours, meaning that the purified air can usually be returned to the working area.

The system can be operated via the touch display or the Sub-D9 interface as required. The extraction performance of the maintenance-free turbine can be adjusted to meet requirements.

**Standard equipment**

- Three-stage filter package (M5 prefilter, H13 main filter, activated carbon filter)
- Sub-D9 interface for external control

**Possible options**

- Exhaust air spigot

**Possibility of combined use with other TEKA products**

- Collecting devices such as Optiflex suction arms, Alsident suction arms, extraction cabinets
- Particle pre-separator

## Properties

Blower type:	Continuous-flow turbine
Control interface:	SUB D9
Intake manifold (mm):	2 x NW 50
Interface description:	Pin 1&2=Start (potential-free bridging -> e.g. switch) Pin 3&4=Operation (potential-free) Pin 5&6=Fault (potential-free) Pin 7=Increase in tube power Pin 8=Reduce
Main filter quantity:	1
Volumetric flow (m <sup>3</sup> /h):	320
max. pressure (Pa):	15,000
Engine power (kW):	1.2
Supply voltage (V):	230
Connection frequency (Hz):	50/60
Current consumption (A):	9
Filter control:	TouchControl
Pre-filter:	M5
Vorfilter:	ISO 16890 ePM10 > 50% (F5)
main filter:	H13

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## Properties

Filter class:	H13
final filter:	Activated carbon cartridge: 3.5 kg standard carbon
Separation efficiency (%):	> 99
Ausblas:	about under-bonnet silencers
Sound level (dB(A)):	65
Weight (kg):	55
Width (mm):	365
Depth (mm):	496
Height (mm):	737
Colour:	RAL 9010

## Replacement parts



High particulate filter H13, 305x305x150  
(+2\*6)  
Product No.: 10031



Prefilter set M5, 268 x 268 x 20 mm,  
Product No.: 10033



Activated carbon filter  
Product No.: 97054



Activated carbon filling for 3,5 kg  
Product No.: 100197507

Accessories



Outlet spigot for LMD 507/508/504/501  
Product No.: 400094007



Suction hose with two connectors  
Product No.: 9631925



Suction hose with two rigid connectors  
Product No.: 9631950