

*The air purifiers*

**TEKA**

# LMD 501



(Page: 1 for product 94001)

## Description

Product No.: 94001  
**€5,370.00\***  
 excluding VAT

# LMD 501

The mobile LMD 501 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

Volumetric flow (m <sup>3</sup> /h):	500
max. pressure (Pa):	15.000
Engine power (kW):	2,4
Supply voltage (V):	230
Connection frequency (Hz):	50 / 60
Current consumption (A):	15,5
Filter control:	TouchControl
Vorfilter:	M5
main filter:	H13
final filter:	Aktivkohle
Separation efficiency (%):	99,997
Ansaugstutzen (mm):	2 x NW 50, hinten
Sound level (dB(A)):	70
Weight (kg):	70
Width (mm):	365
Depth (mm):	768

(Page: 2 for product 94001)

## Properties

Height (mm):	801
Colour:	RAL 9010 (Reinweiß)
Gebälseart:	2 x Dauerläuferturbine
Steuerschnittstelle:	SUB-D9
Schnittstellenbeschreibung:	Pin 1&2 = Start-Stop, Pin 3&4 = Ext. Filterüberwachung (Schließer), Pin 5&6 = Betriebskontrolle, Pin

## Accessories



Suction hose size 45 mm, 2,5 meter  
Product No.: 9631925

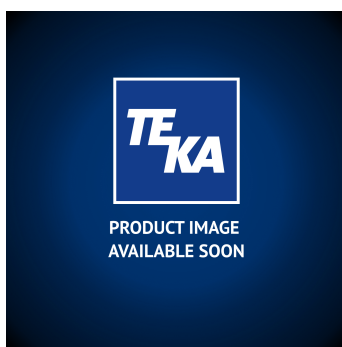
**€90.00\***



Suction hose diam. 45 mm, 5 meter  
Product No.: 9631950

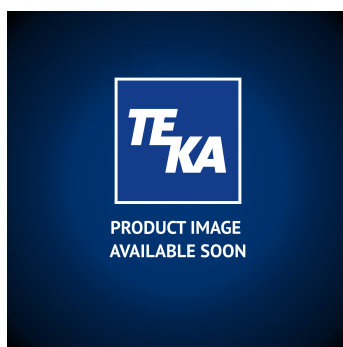
**€170.00\***

## Replacement parts



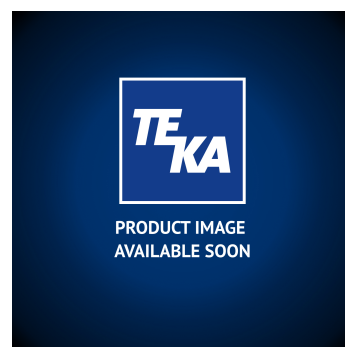
High particulate filter size  
610x305x150+2\*6 mm  
Product No.: 10035

**€299.00\***



Prefilter set M5, 572 x 268 x 20 mm  
Product No.: 10056

**€81.00\***



Activated carbon filter  
Product No.: 97052

**€389.00\***



Activated carbon pouring for cassette  
305x610x100

Product No.: 100197501

**€271.00\***