The air purifiers

SPA 501 for laser applications



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Product No.: 9400102

Description

SPA 501 for laser applications

The **TEKA SPA 501** is a mobile filter unit for laser systems used in stamp making. It is suitable for larger quantities of process dust and several soldering workstations and is designed for continuous operation.

At a glance

- **Filtration:** HEPA storage filter and activated carbon filter
- **Drive:** two turbines, suction power continuously adjustable
- **Connection:** two intake spigots on the lid
- **Interface:** SUB-D9 coupling for external devices with inputs and outputs such as filter full, alarm, external start/stop, increase or decrease suction power

Your benefits

- **Long service life:** The storage filter collects fumes and dust and is designed for long filter service life.
- **Gases and odours:** An activated carbon filter then binds gases and odours.
- **Quick filter change:** Maintenance doors on the front, and the filter monitoring shows when a change is needed.
- **Robust design:** sturdy sheet steel construction, fully powder-coated.
- **Ready to plug in:** supplied with power cable.

The operating instructions are available in the Downloads tab. Our overview page shows more systems for laser fume extraction.

Properties

Blower type:	2 x continuous-duty turbines, two-stage
Control interface:	SUB D9
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 (m³/h):	520
max. pressure (Pa):	21,000
Engine power (kW):	2.4
Supply voltage (V):	230
Connection frequency (Hz):	60
Current consumption (A):	1.18
main filter:	Filter cartridge
Filter class:	DIN ISO 16890 ePM1 > 70%
final filter:	Activated carbon cartridge: 25 kg
Separation efficiency (%):	> 99
Ansaugstutzen (mm):	2 x NW 100

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Properties

Ausblas:	NW 125
Sound level (dB(A)):	70 – in accordance with DIN EN ISO 3744
Weight (kg):	110
Width (mm):	365
Depth (mm):	681
Height (mm):	1,110
Colour:	RAL 9010

Replacement parts



Storage filter 610x305x292 mm
Product No.: 1003502



Activated carbon filter 610x305x292mm+ 6mm sealing
Product No.: 9705202



Activated carbon filling for LMD 501/SPA and
Product No.: 100197142502

Accessories



Hose clip, dia. 100 mm
Product No.: 51184



High vacuum hose, diameter 100 mm
Product No.: 511040025

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