The air purifiers

SPA 501 for laser applications



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Product No.: 9400102

Description

SPA 501 for laser applications

Mobile filter unit SPA 501 for laser applications.

The SPA 501 is developed for use with laser devices (especially during the manufacturing of rubber stamps).

The housing is made of stable steel-sheet and is powder coated on the inside and even on the outside.

The SPA 501 is equipped with a new HEPA-STORAGE-FILTER with a long life time and a high separating degree.

The first filter step is the large Hepa-Storage-Filter. The Hepa-Storage-Filter separates the fumes and dust. The air is lead through the high efficiency Hepa-Storage-Filter where fumes and dust are separated. Then the air is lead through the activated carbon filter and adsorb the gases and smells.

The filter unit is equipped with two high-vacuum turbines with a continuous running rotor. You can regulate the suction power with an infinitely adjustable speed-regulator. An automatic control shows when a filter change is necessary.

The front doors enable the filter to be taken out easily and there is also easy access to the controls and the turbines. The air is led back to the working area by means of a 2-level filter system.

Of course the equipment is delivered ready to plug-in and is also equipped with a 5,0 m long cable.

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
Ausblas:	NW 125
Sound level (dB(A)):	70 – in accordance with DIN EN ISO 3744

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Properties

Weight (kg):	110
Width (mm):	365
Depth (mm):	681
Height (mm):	1,110
Colour:	RAL 9010

Accessories



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



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

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

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