

The air purifiers



Part No. 9400199

LMD 501 fumes extractor (Version Adapt) 2 x 1,2 kW DC turbine

Mobile suction and filtering device. This filter unit is especially designed for use with laser devices.

A large pre-filter of the filtering category M5 separates the rough particles. Subsequently the air is lead through the macrofalt filter to the high efficiency submicron particle air-filter H13 (separating degree of 99,95%) where the last fine particles are separated.

As a final filtering stage the unit is equipped with an additional activated carbon filter to separate most of the gases or odours.

The casing of the filter unit is made of stable sheet steel and is finished with powder coating inside and outside.

The display controlled unit has an automatic filter monitoring that shows when a filter needs to be changed. A SUB D9 interface for connection of external devices belongs to the scope of delivery. The interface can be used as well for inputs and outputs for filter full, alarm, external start-stop, increase or decrease of the suction performance.

The filter unit t is delivered ready to plug-in and is also equipped with a 5,0 m long cable.

TECHNICAL DATES:

Suction-power:	500 m ³ /h
Pressure:	21000 pascal
Pre-filter I:	F 5
Pre-filter II:	Makrofalt F5
Main-filter:	H 13
Separating performance:	99.95 %
Active-carbon-filter:	approx. 7.0 kg
Turbine:	2x continious running rotor
Motor:	2.4 kW
Mains voltage:	110 V / 50 Hz
Current:	20,8 A
Noise level:	70 db(A)
Dimensions LxWxH:	365 x 681 x 740 mm
Weight:	70 kg

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Inlet hose connection: 1 x 100 mm diam.
Rear hose connections: 2 x 50 mm diam.
Colour: RAL 9010

Interface: SUB D9

Pin 1&2 =	Start-Stop
Pin 3&4 =	Ext.Filtermonitoring
Pin 5&6 =	Manufacturing Control
Pin 7 =	Airflow-Increase
Pin 8 =	Airflow-Lowering
Pin 9 =	Ground (GND)