LMD-Series

For almost all laser systems that are used in the field of marking and labeling, for several soldering workplaces, suitable for continuous use.

A large pre-filter with filtering class F5 separates the rough particles. Subsequently the air is lead through a high efficiency submicron particle air-filter H13 (separating degree of 99,95%) where the last fine particles are separated. This filter unit is equipped with an activated carbon filter-cassette as a final filter to adsorb gases and odors.

The housing is made of a stable steel-casing and is powder coated inside and outside. As standard solution the unit is equipped with a filter sealing device which ensures absolute air-tightness. The suction unit is equipped with a maintenance free, continuous running high pressure turbine. The unit is operated by the TEKA TouchControl. An optical as well as an acoustic signal and the info display message refer to disturbances or maintenance messages.

A SUB-D9 connection on the back of the system offers the opportunity to control the LMD 508 with external devices like for example laser systems. Additional signals like filter alarm or operating control can be provided over the SUB-D9 interface.



LMD 508

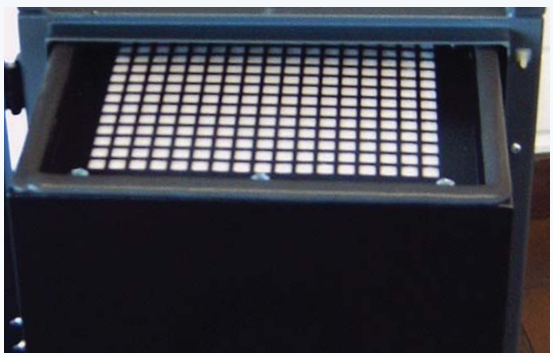
For the reduction of the air noise level the unit has a sound insulated element attached on the backside. The cleaned air is redirected into the work space through grilles of the sound damping module. The unit is delivered ready for operation with a 5 m power cable.

TECHNICAL DATA	LMD 508	LMD 504	LMD 501
Fan performance [m³/h]	320	320	500
Pressure [Pa]	15.000	15.000	15.000
Suction inlet	2 x dia. 50 mm	2 x dia. 50 mm	2 x dia. 50 mm
Sound level [dB(A)]	approx. 65	approx. 65	approx. 70
Separation efficiency [%]	≥ 99,95	≥ 99,95	≥ 99,95
Filter equipment	Prefilter, Main filter, Activated carbon filter		
Drive type	Continuous operation motor	Continuous operation motor	2 x Continuous operation motor
Drive power [kW]	1,2 (230V)	1,2 (230V)	2,4 (230V)
Dimensions (W x D x H) [mm]	365 x 501 x 740	365 x 681 x 740	365 x 681 x 740
Weight [kg]	approx. 60	approx. 115	approx. 120

TYPE	ART. NO.
LMD 508	94008
LMD 504	94004
LMD 501	94001



HEPA filter H13



Activated carbon filter



Intakes

Errors and price changes reserved, images similar



Example of application of LMD 504



LMD 508 filter configuration

ACCESSORIES AND SPARE FILTERS	ART. NO.
Prefilter, set of 10 (LMD 508)	10033
HEPA filter H13, 305x305x150 (LMD 508)	10031
Activated carbon cassette (LMD 508)	97054
Activated carbon filling incl. fleece cover (LMD 508)	100197507
Prefilter, set of 10 (LMD 501 and 504)	10056
HEPA filter H13, 610x305x150 (LMD 501 and 504)	10035
Activated carbon cartridge (LMD 501 and 504)	97052
Activated carbon filling incl. fleece cover (LMD 501 and 504)	100197501

OPTIONS	ART. NO.
Particle preseparator: Steel sheet barrel, 60 l, with air inlet and outlet each dia. 50 mm (LMD 508/504)	80000586



LMD-Series with silencer housing



TEKA TouchControl

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