Extraction and filter system AF1.1

Processing materials with a laser produces poisonous dusts and gas pollutants. Extraction protects the operator's health and prevents the laser room and lens from contamination. It also ensures that laser power maintains. Air is extracted from the working room with the help of a highly performant turbine throught a flexible hose.

Pollutants and dusts are emitted in the pre-filter and a filter particularly provided for suspended particles. Gas pollutants are absorbed by the active carbon filter. Clean air is returned to the environment.

The system has a modular design. Filters are easy to replace.

Pos.	Part no.	Extraction and filter system AF1.1
	**5907275**	Extraction and filter system AF1.1 incl. filter set and a power cable Type E+F, 2.5 m integrated
Scope of delivery	Extraction and filter system AF1.1 incl. filter set Instructions DE	

Pos.	Part no.	Accessories
	**5905818**	Suction hose, 2.5 m
	**5907174.001**	Crevice nozzle

Pos.	Part no.	Consumables	Pack unit
	**5906617.001**	Pre-filter mat	10
	**5906618.001**	Filter for suspended particles	1
	**5906619.001**	Active carbon filter	1

Extraction and filter system			AF1.1
Suction power		up to m³/h	320
Vacuum		bis Pa	12,500
Filter equipment	**Filter class**		
Pre-filter mat	M5		■
Filter for susp. part.	H13		■
Active carbon filter			■
Dimensions and weights			
Device	Width	mm	355
	Height	mm	682
	Depth	mm	355
	Weight approx.	kg	35
Suction pipe	NW	mm	50
Operating data			
Power supply			240 VAC, 50/60 Hz
Power consumption	Standby	W	<40
	typical	W	400
	up to	W	1,200
Approval			CE

Operation panel	
Display	LED
	Filter saturation Extraction ON/OFF Reset
Button 1	Run / Standby
Button 2	Reset
Control knob	Suction power
Interface	
	I/O interface
Monitoring	Run / Standby Trouble-free system operation Collective errors: - Temperature error - Turbine error - Filter saturated - Pre-filter error
Control	Run / Standby