



Exhaust system Atmos Nano – Technical Specifications

Description	Exhaust Atmos Nano
Dimensions D x W x H	399 x 328 x 540 mm / 15,7 x 12,9 x 21,3 inch
Weight	32 kg
Connection Voltage	230V/50/60 Hz 115V/50/60 Hz
Nominal current	8 A (230V) 11,9 A(115V)
Motor	1 pc. 1-stage brushless blower
Max. airflow	200 m ³ /h
Negative pressure	8.500 Pa (230V) 5.800 Pa (115V)
Filter unit	Combi-Filter (compact filter) Existing of: pre-filter mat F5, HEPA H13 filter, filterpleat/activated carbon Activated carbon: approx. 2,2 kg / approx. 4 lt.
Filter efficiency	>= 99,75% corresponding to DIN EN 1822
Filter surface	3,6 m ²
Hose connection	1 x NW 45 mm (inner diameter)
Controller	Membrane keyboard incl. digital display, FlowControl for an automatic control of constant air-flow, digital display showing filter saturation, airflow, operating hours or speed value Control function with laser software Job Control X, SpeedMark, DirectMark
System Interface	SUB-D9
Surrounding conditions	+5°C bis +35°C, indoor, relative humidity of max. 65%,no condensation on equipment surface permitted, vibration-free, dust free
Delivery contents	Atmos Nano, power cable, filter unit, hose set incl. connectors NW45 (2,5 m)
Option	Hose adapter for 75 mm connection port
Field of Application	Fiber laser marking of metals, anodized Aluminum, plastics (particle size < 1 micron)
Laser systems	Pro Marker & ProMarker 300, SpeedMarker & SpeedMarker 300, LWS 780 Speedy 100 fiber, Speedy 300 fiber

Subject to change without notice. Errors and omissions excepted.

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