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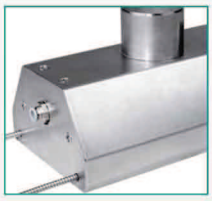
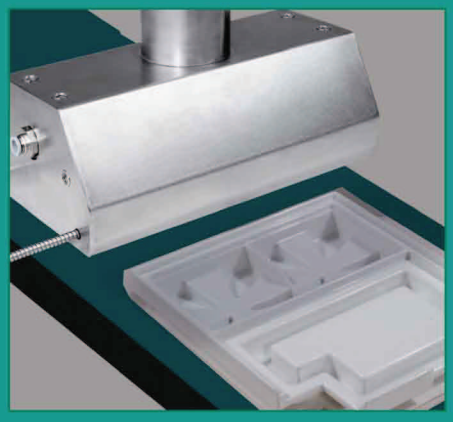


Cleaning hood

IONCLEAN HL

- Compact and powerful
- Contactless cleaning with rotary nozzles
- Optimal cleaning results through an ionization and vacuum aspiration of the dirt particles



Cleaning (e.g. PCBs) with ionized air and rotating nozzles with a simultaneous vacuum aspiration

In many manufacturing processes, the Ziegener + Frick IONCLEAN stainless steel cleaning hood has proven to be a highly effective and economic solution for the cleaning of product surfaces through ionization. A problem regarding the installation situation within different workflows often arises. IONCLEAN HL was developed to specifically target this issue: high performance in a very compact design. It is therefore perfectly suited for use in hard-to-reach and confined spaces.

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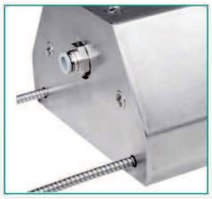
Connections



Vacuum aspiration

Accessories

Cleaning Technology

Cleaning hood

IONCLEAN HL

Rotary nozzles

Ionization
Vacuum aspiration

Mounting option

Cleaning from the top and bottom

We offer an efficient solution to thoroughly clean a product on both sides: our IONCLEAN HL cleaning hood can be combined with the IONCLEAN HU. It is additionally mounted below the product to achieve a complete and comprehensive removal of all dirt particles. In practice the covers are not directly arranged over each other, but rather offset to one another.

Power supply

The standard model is designed in a modern way, and the operating elements and connections are easily accessible. It is equipped with an on/off switch with indicator light. Additionally, a high voltage indicator light was integrated into this power supply. This lamp will switch off if a system fault arises. Up to four ionizers can be connected. The device is compliant with the IP-54 protection standard and meets the relevant requirements of the European CE standard. In addition, the device has the necessary UL approval for the USA and Canada.

Cleaning hood

Housing	
Material:	V2A 1.4301
Active width:	100 to 1,900 mm
Grid width:	100 mm
Overall width:	active width + 4mm
Depth:	180 mm
Height:	160 mm
Rotary nozzles:	each 100 mm, 1 unit
Vacuum aspiration	Dust collectors D = 76 mm- Transvector D = 51 mm
Voltage:	2 x 4.0 kV or 2 x 5.0 kV
Pressurized air:	Rotary nozzles 1 x 10 mm or 1 x 12 mm each Transvector 1 x 10mm
Acoustic noise:	72 db (A)

Pressurized air consumption data

Rotary nozzles at 6.0 bar:	
Active width 100 mm	30 l/min
Active width 200 mm	50 l/min
Active width 300 mm	80 l/min
Active width 400 mm	110 l/min
Active width 500 mm	130 l/min
Active width 600 mm	150 l/min
Transvector at 6.9 bar:	
Active width 100 mm	708 l/min
Active width 200 mm	708 l/min
Active width 300 mm	708 l/min
Active width 400 mm	1416 l/min
Active width 500 mm	1416 l/min
Active width 600 mm	1416 l/min

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