

HAUG Ionization - for the elimination of electrostatic charges



HAUG ionization systems

are intended for the neutralization of electrostatic charges. Such charges may be generated on a number of different materials. They interfere with production processes and bond dust particles and other substances, reducing quality. HAUG has researched, developed and produced systems for controlling this phenomenon for 45 years.

Air ionization blower Ion-Air mini

The HAUG air ionization blower **Ion-Air mini** is a small, light-weight unit which is operated at a voltage of 24 V_{DC}. The **Ion-Air mini** is supplied with a clamp which allows the unit to be fixed very easily in the desired position, for example at a table edge. When the clamp is removed, the **Ion-Air mini** can be used as a handy table-top unit.

Principle

A high-voltage source integrated into the unit with fine metal pins produces positive and negative ions. A blower generates an air stream enriched with these ions which is used to neutralize electrostatic charges.



Ion-Air mini

Characteristics and advantages

- Easy to clean
- Small dimensions and low weight
- Flexible use: as table-top or clip-on unit
- 24V_{DC} operating voltage
- Integrated microcomputer for fault analysis
- Steplessly adjustable fan
- Low noise
- Display for cleaning intervals
- Fault signalling output

Applications

The **Ion-Air mini** can be used in the following areas, a.o.:

- photo and film processing
- electronic production
- precision engineering
- optical engineering
- plastics processing
- module assembly
- pad printing
- feeding and sorting technology

Accessories

Included in supply:

- Mains cable to external voltage supply (length 1.5 m)
- Set of 2 fault signalling cables (length 1.5 m each)
- Grounding cable (length 1.8 m)
- Clamp
- Screw driver for setting the fan speed

Special accessories

Wide-range plug-in power supply unit

Order-No.: X-7539

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Air Line - Ion-Air mini





Ion-Air mini

Technical data Ion-Air mini

Type: **Ion-Air mini** Best.-Nr.: 04.0353.000
with integrated discharging pins and micro-computer for fault analysis

Dimension (H x W x T): 128 x 73 x 74 mm

Supply voltage: 24 V_{DC} ±5%

Power input: 350 mA (at highest fan speed)

Operating temperature: ±0 °C to +40 °C

Storage/transport temperature: -20 °C to +60 °C

Ambient humidity: 20% to 80% room humidity

Weight: 300 g (without clamp)

Subject to technical changes!

Technical data plug-in power supply unit

Supply voltage: 100 V_{AC} – 240 V_{AC} (50 – 60 Hz / 0.4 A)

Output voltage: 24 V_{DC} / 0.65 A

Grounding cable length: 1.8 m

Mains cable length: 1.5 m

Weight: 130 g

