# **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, lightweight unit which is operated optionally at machine supply voltage (24  $V_{\scriptscriptstyle DC})$  or at mains power.

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 lon-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<sub>DC</sub> operating voltage
- · Integrated microcomputer for fault analysis
- · Steplessly adjustable fan
- Low noise
- · Display for cleaning intervals
- · Fault signalling output

### **Applications**

The lon-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:

- · Plug-in power supply unit with 1.8 m cable length
- Mains cable to external voltage supply (24 V<sub>DC</sub>, machine supply voltage), length 1.5 m
- · 2 fault signalling cables, length 1.5 m each
- Clamp
- · Screw driver for setting the fan speed

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**Ion-Air mini** 

### Technical data lon-Air mini

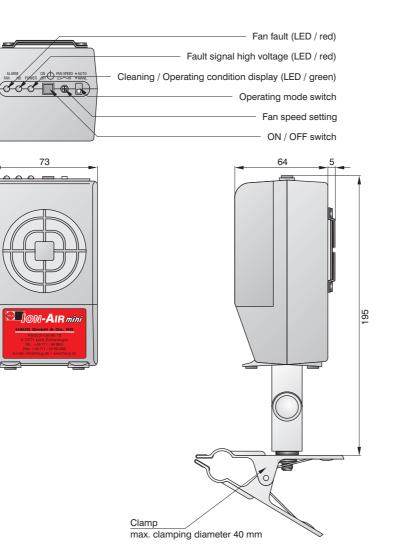
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| Туре:   | <b>Ion-Air mini</b><br>with integrated d<br>computer for fau |                               | Order-No.: 04.0353.000<br>harging pins and micro-<br>nalysis |  |
|---|--|-------------------------------|--|--|
| Dimension (H x W x T):                          |  | 132.5 x 73 x 69 mm            |  |  |
| Supply voltage:                                 |  | 24 V <sub>DC</sub> ±5%        |  |  |
| Power input:                                    |  | 350 mA (at highest fan speed) |  |  |
| Air consumption:                                |  | 0.5 – 1.0 m³/min              |  |  |
| Operating temperature:                          |  | $\pm 0$ °C to $+40$ °C        |  |  |
| Storage/transport temperature: -15 °C to +60 °C |  |                               |  |  |
| Ambient humidity:                               |  | 20% to 65% room humidity      |  |  |
| Weight:   |  |                               | 0 g (without clamp)<br>0 g (with clamp)                      |  |
|   |  |                               |  |  |

Subject to technical changes!

### Technical data plug-in power supply unit

| Туре:              | Supply unit       | Order-No.: 06.0353.000   |
|--------------------|-------------------|--|
| Supply voltage:    | 100 V             | $V_{\rm AC} - 240 \ V_{\rm AC} (50 - 60 \ \text{Hz} \ / \ 0.4 \ \text{A})$ |
| Output voltage:    | 24 V <sub>d</sub> | <sub>c</sub> / 0.65 A  |
| Mains cable length | : 1.8 m           | 1  |
| Connecting cable I | ength: 1.5 m      | 1  |
| Weight:            | appro             | ox. 130 g  |







Screw M5 × P0.8

