Choice of two louvers lets you select static elimination area

Louvres snap on and off for easy handling. This safe design ensures that the unit cannot be turned on unless the louver is attached correctly.

<table>
<thead>
<tr>
<th>Static elimination area and characteristics (±1000 V → ±10 V)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Static elimination</td>
</tr>
</tbody>
</table>

*Typical values at maximum flow rate

Locking mechanism maintains angle of eliminator unit

If you’ve ever found that a static eliminator wasn’t working because vibration had shaken it out of alignment, you’ll appreciate the FE-510’s handy locking mechanism. This handy feature lets you lock the unit securely in place and puts an end to worries about misalignment problems caused by vibrating equipment.
Handy error output signal perfect for built-in applications

This feature can be used to warn the operator when the discharge electrode is dirty or worn. When used on a desktop, these warnings are provided by indicators.

Superb ease of maintenance

Discharge electrode can be replaced simply by turning it gently in a clockwise direction.

Also comes with a handy brush for cleaning the discharge electrode.

Packing List

<table>
<thead>
<tr>
<th>Part No</th>
<th>Part Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1449</td>
<td>Filter</td>
</tr>
<tr>
<td>B3643</td>
<td>Discharge electrode</td>
</tr>
</tbody>
</table>

*Filter is housed inside static eliminator unit itself.

Replacement Parts

<table>
<thead>
<tr>
<th>Part No</th>
<th>Part Name</th>
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</thead>
<tbody>
<tr>
<td>A1449</td>
<td>Filter</td>
</tr>
<tr>
<td>B3643</td>
<td>Discharge electrode</td>
</tr>
</tbody>
</table>

*Filter is the same as that used for HAKKO 443.

Specifications

- Model name: HAKKO FE-510
- AC adapter output: 24 V DC
- Capacity: 10 μA
- Discharge method: High-frequency corona
- High voltage output: 2,000 V AC
- Ion balance*: ±10 V or less
- Static charge removal time*: Straight louver: Approx. 1.5 s, Wide-angle louver: Approx. 2.5 s
- High voltage abnormality output (ALARM): MGS FET relay non-voltage contact output
  - Max. current: 100 mA, Applied current: 30 V DC or less
- Cleaning check output (C.C.): MOS FET relay non-voltage contact output
  - Max. current: 100 mA, Applied current: 30 V DC or less
- Airflow: 1.5 to 3.0 m³/min
- Airflow out angle: Vertically 360° (variable in 10° increments)
- Quantity of produced ozone: 0.04 ppm or less (typical value at distance of 150 mm from center of fan outlet)
- Ambient temperature: 0 to 40°C
- Ambient humidity: 15 to 65% (No condensation allowed)
- Dimensions: 150 (W) x 182 (H) x 50 (D) mm (excluding projections)
- Weight: Approx. 790 g (including stand)
- Materials: Fins: ABS, Discharge electrode: Tungsten, Stand: SECC
- Accessories: Instruction manual, AC adapter, straight louver, output signal connection leads (set of 3), and cleaning brush.

Option

HAKKO FG-450 Static level meter

Use to check ion balance of static eliminator unit.

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