CHOOSE RED SAFETY

DOUBLE PROTECTION IN ONE SINGLE SYSTEM

Pantera Air System, the portable system that simultaneously protects eyes and respiratory tract.
Pantera Air System
The ideal protection in all welding situations

Pantera Air System is a device that guarantees excellent respiratory tract and face protection, for added safety and comfort during welding. Portable and comfortable, it is ideal in all operating situations.

In indoor environments it can be combined with a centralized suction system for total protection, in outdoor environments it is the ideal solution, thanks to its power supply with long-lasting batteries, up to 8 continuous hours.

THE HOSE
Corrugated hose with flameproof cotton cover and bayonet couplings.

THE MASK
Pantera Mask equipped with digital controls with large visual area (114x113 mm) and darkening time less than 0.1 ms. Safety is guaranteed by 4 optical sensors.

THE SUPPORT
Practical, comfortable and adjustable shoulder strap and padded belt.

THE VENTILATION SYSTEM
The blower unit is the heart of the system.

- 3-speed air flow for optimal handling in all working conditions.
- Filter efficiency of 99.99% = 0.3 μm.
- Full and intuitive digital display.
- System adjustable wearing gloves.

Pantera Air System complies with the following regulations:

- EN 175
- EN 379
- ANSI Z87.1 2010
- CSA Z94.3
PANTERA AIR SYSTEM OPERATIONS

The Pantera Air System aspirates air from the environment and, filtering it with pre-filters and filters, conveys a clean airflow to the head, ensuring a clean area for the respiratory tract, and therefore a good oxygenation.

COMPOSITION OF THE FILTER SYSTEM

1. Spark arrestor to block coarse powders.
2. Prefilter to block powders in general.
3. Specific filter for thin particles with a filter efficiency of 99.99% = 0.3 μm.

Filters should be replaced in relation to hours of use. We recommend replacing them with a higher frequency to ensure a good clean air flow. In case of negligence in the replacement of the filters, the system goes into alarm signaling an inadequate airflow.

LCD DISPLAY FUNCTIONS

- Airflow level.
- Battery charge level.
- Battery temperature, sound and visual alarms.
- Airflow data, l/min.
- Filter status.

PANTERA, THE HIGH-PERFORMING AUTO DARKENING MASK

Pantera is the top autodarkening mask of the new Sacit series. Thanks to the use of four darkening sensors, precise digital adjustment and wide viewing area, this mask is dedicated to a welder who wants excellent performance in all welding processes.

The innovative True Color system delivers real-world color vision, which allows less visual fatigue.

Technical characteristics of the Pantera filter

<table>
<thead>
<tr>
<th>FILTER SIZE</th>
<th>WEIGHT</th>
<th>VISIBLE AREA</th>
<th>CLARITY DEGREE</th>
<th>DARKENING DEGREE</th>
<th>UV/IR PROTECTION</th>
<th>REACTION TIME</th>
<th>DELAY</th>
<th>POWER SUPPLY</th>
<th>OPTICAL CLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>114x133</td>
<td>510</td>
<td>100x60</td>
<td>DIN 4</td>
<td>DIN 5+13</td>
<td>DIN 15</td>
<td>&lt; 0.08 ms</td>
<td>0.1÷0.9 s</td>
<td>1/1/1/2</td>
<td></td>
</tr>
</tbody>
</table>
Pantera Air System technical data

- **Filter type**: TH2 R P SL
- **Filter efficiency level**: 99,99% = 0,3 µm
- **Airflow level**:
  - 1<sup>st</sup> speed: 170 l/min
  - 2<sup>nd</sup> speed: 200 l/min
  - 3<sup>rd</sup> speed: 230 l/min
- **Noise level**: Max 70 dB
- **Belt size**: 900 ÷ 1300 mm
- **Blower unit size**: 240 x 165 x 70 mm
- **Blower unit weight**: 1,29 Kg
- **Battery model**: Rechargeable Li-ION 440 mAh
- **Battery life**:
  - 1<sup>st</sup> speed > 8 h
  - 2<sup>nd</sup> speed > 6 h
  - 3<sup>rd</sup> speed > 4 h
- **Battery charge time**: 3,5 h
- **Number of battery recharges**: 500
- **Information on the digital display**:
  - Air flow rate and data
  - Battery level
  - Filter status
- **Usage temperatures**: -5°C +55°C
- **Storage temperatures**: -10°C +55°C

Pantera Air System technical data

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<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MSC000440 Pantera Air System filter system + Pantera mask</td>
</tr>
<tr>
<td>2</td>
<td>MSC00430 Pantera autodarkening mask 114x133 mm</td>
</tr>
<tr>
<td>3</td>
<td>LVE000238 External protection plate 111 x133x1 mm</td>
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<tr>
<td>4</td>
<td>LVE000237 Internal protection plate 106x66x1 mm</td>
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<tr>
<td>5</td>
<td>SPL000390 Cotton throat protection</td>
</tr>
<tr>
<td>6</td>
<td>VCE000695 Air conveyor + headgear</td>
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<tr>
<td>7</td>
<td>MU0360 Blower Unit</td>
</tr>
<tr>
<td>8</td>
<td>SPL000380 Filter</td>
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<tr>
<td>9</td>
<td>SPL000381 Prefilter</td>
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<tr>
<td>10</td>
<td>SPL000382 Spark arrester</td>
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<td>11</td>
<td>BW0755 Filter cover</td>
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<tr>
<td>12</td>
<td>SPL000383 Rechargeable Li-ION battery</td>
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<tr>
<td>13</td>
<td>SPL000388 Charger 120V</td>
</tr>
<tr>
<td>14</td>
<td>SPL000384 Flame retardant corrugated air pipe 1 m</td>
</tr>
<tr>
<td>15</td>
<td>SPL000387 Flowmeter</td>
</tr>
<tr>
<td>16</td>
<td>SPL000385 Padded belt + shoulder strap</td>
</tr>
<tr>
<td>17</td>
<td>SPL000389 Black canvas bag</td>
</tr>
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