AUTOFLOW
POWERED AIR RESPIRATOR
Scott Health & Safety’s multi-purpose Autoflow powered respirator provides a comfortable and effective source of clean air to users across a broad cross-section of industries. With the choice of powered filtered air, an extensive filter range and a comprehensive choice of headtops, Autoflow provides a cost effective and versatile respiratory solution.

Comfortable and effective operation
- Lightweight and compact – comfortable to wear, the low profile waist mounted power unit prevents snagging
- Automatic demand compensation – maintains optimum airflow to the headtop
- Autoflow 65/120 has two flow rates: 65 l/min mode is recommended with full face and half masks; 120 l/min mode is ideal with face shields, hoods and welding shields
- Autoflow 120 blower unit supplies air at 120 l/min being suitable for the entire range of headtops and filters
- Low sound level in operation

Automatic airflow control
- Automatic control of the airflow ensures cost-effective operation and extends both filter and battery life
- The electronics of the blower provide a clear audible warning of low battery charge

Ease of operation
- The battery provides over 8 hours’ service from a single charge
- Comprehensive filtration – extensive range of filters for the widest range of applications
- Utilises standard Pro2000 filters for cost-effectiveness and simple logistics
- Automatic recharging device provides temperature and voltage control as well as overcharge protection
- Batteries can be stored in the charger and the stand-by value maintains the battery ready for service

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Turbo units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Autoflow 120 A</td>
</tr>
<tr>
<td>Flow rate L/min:</td>
<td>120 L/min</td>
</tr>
<tr>
<td>Battery: NiMh 4.8 V/ 5.3 Ah</td>
<td></td>
</tr>
<tr>
<td>Operating time from single charge:</td>
<td>&gt; 8 h (depending on the filter/head-piece combination)</td>
</tr>
<tr>
<td>Recharging time:</td>
<td>14 h</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.4 kg without filters</td>
</tr>
<tr>
<td>Components: blower, belt, hose, battery, charger, transformer</td>
<td></td>
</tr>
</tbody>
</table>
HEADTOPS

TH2 HELMETS AND HOODS

(1) PROCAP
The powered air helmet Procap combines respiratory, head, face, eye and optional hearing protection. Procap features a sturdy heat-resistant polyamide shell, adjustable head harness, comfortable face seal and parallel rail guided visor frame.
• Choice of visors for protection against impact, glare, heat and infrared radiation available
• The swivel-jointed breathing hose provides freedom of movement
CE certified to EN 12941, TH2 (powered air). EN 397 (head), EN 166/169 (eye & face). EN 175 (welding). EN 352-3 (bearing protection).

(2) FLOWHOOD 5
The Flowhood 5 combines head, face and respiratory protection.
• Lightweight, well-balanced ABS helmet
• Airflow distribution minimises wind in the eyes discomfort
• Choice of polycarbonate or acetate visors with PU-coated nylon face seal
CE certified to EN 12941, TH2. EN 397. EN 166 1B9 (Eye & Face).

(3) FLOWHOOD 3
The Flowhood 3 hood combines respiratory and face protection.
• The replaceable flip up visor is available in polycarbonate or acetate
• Lightweight and comfortable with a broad face seal
CE certified to EN 12941, TH2. EN 166 (PC visor class 1B9, AC visor 1F).

TH3 HOODS AND HELMETS

(4) AUTOMASK
Lightweight, comfortable and multi-purpose face shield.
• The durable frame is polycarbonate and the acetate visor is anti-mist coated
• Replaceable and washable polycarbonate face seal
CE certified to EN 12941, TH2. EN166 class 3-B.

(5) PROVIZOR
The lightweight face shield has a skin-friendly silicone face seal, a moulded frame and replaceable anti-mist acetate visor.
• Headband options: comfortable textile or soft silicone
• A hose with an angled connector is available
• Impact resistant visor to class 3-B to EN 166
CE certified to EN 12941, TH2.

(6) FLOWHOOD 1
An ultra-lightweight semi-hood for applications where impact protection is not required.
• Manufactured from durable PU-coated nylon material with a flexible acetate visor
• Available in two sizes to ensure a good fit for all wearers
CE certified to EN 12941, TH2.

WELDING HELMETS AND SHIELDS

(7) FLOWHOOD 25
For the most demanding applications, this headset provides head, face, neck and respiratory protection.
• Integrated protection for high risk environments
• Hypalon cape provides excellent chemical resistance
• Utilises proven Protector safety helmet with ratchet adjustment
CE certified to EN 12941 TH3. EN 397 (Head) and EN 166 1B9 (Eye & Face).

FLOWHOOD 25/AS
As Flowhood 25 in black anti-static Hypalon.
• As Flowhood 25 in black anti-static Hypalon
CE certified to EN 12941 TH3, EN 397 (Head) and EN 166 1B9 (Eye & Face).

(9) FLOWHOOD 2
A lightweight full hood with a flexible acetate visor providing the highest level of powered respirator protection.
• Simple drawstring neck seal
• Overcomes fit issues, such as spectacles and facial hair
• Durable PU coated nylon material
CE certified to EN 12941 TH3.

(10) FLOWHOOD 2/AS
Antistatic hood
As Flowhood 2, in white with an enhanced anti-static polyurethane coating.
• Flowhood 2 A/S hood prevents static build-up and transfer
• Taped seams prevent liquid ingress
• Overcomes fit issues, such as spectacles and beards
CE certified to EN 12941 TH3.

(11) AUTOMASK-LITEHOOD
The addition of a PVC hood to the lightweight, comfortable and multi-purpose Automask face shield.
• Offers full head and neck cover as well as excellent facial impact protection
• Further increases level of respiratory protection
CE certified to EN 12941 TH3.

(12) PROCAP Welding
All the benefits of the Procap plus a removable lightweight welding shield with a flip-front.
• 110 x 90mm lens aperture which accepts electro-optical and passive welding lenses
• The unique patented dual visor–glide mechanism allows the user to smoothly retract the welding shield individually or both visors together
CE certified to EN 12941, TH2. EN 175 (welding).

(13) Albatross 300 Welding shield
Incorporates a flip-front 60 x 110 mm which accepts passive and electro-optical lenses.
CE certified to EN 12941 TH1. EN 175.
Spark arrester Pro2000 (code 052690 incl. 2 holders + 2 aluminium spark arresters). Prevents the particle filter to catch fire.

TM3 FACEPIECES

(14) PROMASK Black and Silicone full face masks
Promask offers particularly comfortable high level protection.
• Promask black is made from special halobutyl elastomer with high chemical resistance as well as being skin-friendly
• Promask 3i full face mask is available in yellow hypo-allergenic silicone
Both masks are CE certified to EN 12942 TM3.

(15) SARI NR full face masks
Available in soft natural rubber, Sari offers the highest level of protection against gases, vapours and particles.
• Features a comfortable face piece, wide-view visor and excellent anatomic fit
CE Certified to EN 12942 TM3.
## Pro2000 Filters approved for Autoflow

<table>
<thead>
<tr>
<th>Particle filter</th>
<th>Suodattimen toimintamuoto</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF10 PSL R</td>
<td>Solid and liquid toxic, radioactive and detrimental particles as well as micro-organisms, e.g. bacteria and viruses.</td>
<td>052670</td>
</tr>
<tr>
<td><strong>Combined filters</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CF 22 A PSL R</td>
<td>Gases and vapours from organic compounds and solid and liquid toxic particles.</td>
<td>042670</td>
</tr>
<tr>
<td>CF 22 B PSL R</td>
<td>Inorganic gases and vapours and solid and liquid toxic particles.</td>
<td>042671</td>
</tr>
<tr>
<td>CF 22 AB PSL R</td>
<td>Organic, inorganic gases and vapours and solid and liquid toxic particles.</td>
<td>042674</td>
</tr>
<tr>
<td>CF 22 ABE PSL R</td>
<td>Organic, inorganic and acid gases and vapours, ammonia and solid and liquid toxic particles.</td>
<td>042678</td>
</tr>
<tr>
<td>CF 32 ABEK PSL R</td>
<td>Organic, inorganic and acid gases and vapours, ammonia, mercury vapour and mercury compounds and solid and liquid toxic particles.</td>
<td>042799</td>
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<tr>
<td>CF 32 ABEK Hg PSL R</td>
<td>Organic, inorganic and acid gases and vapours, mercury vapour and mercury compounds and solid and liquid toxic particles.</td>
<td>042798</td>
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</tbody>
</table>

Pro2000 filters are fully EN approved to the latest standards, marked ‘R’ for re-usable, CE marked, and connect via a 40mm EN148-1 thread.

### Approved combinations with Autoflow

<table>
<thead>
<tr>
<th>Facepieces</th>
<th>Filters</th>
<th>TH1</th>
<th>TH2</th>
<th>TH3</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM-Litehood, Flowhood 2, FH 25, FH 25/AS</td>
<td>PSL</td>
<td>TH1P3SL</td>
<td>TH2P7SL</td>
<td>TH3P3SL</td>
</tr>
<tr>
<td>AM-Litehood, Flowhood 1, FH 1, FH 1/AS</td>
<td>A PSL</td>
<td>TH1A2PSL</td>
<td>TH2A2PSL</td>
<td>TH3A2PSL</td>
</tr>
<tr>
<td>AM-Litehood, Flowhood 1, FH 25, FH 25/AS</td>
<td>ABEK Hg PSL</td>
<td>TH1A2B2E2K2HgPSL</td>
<td>TH2A2B2E2K2HgPSL</td>
<td>TH3A2B2E2K2HgPSL</td>
</tr>
</tbody>
</table>

### Protection factors

<table>
<thead>
<tr>
<th>Powered respirators with particle and combined filter combination</th>
<th>Nominal protection factors</th>
<th>Multiples of OEL values (HVEG)</th>
<th>BS 4275 Assigned protection factors</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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