

► PureFlo 3000

ALL-IN-ONE powered air purifying helmet



Technical specifications

Type: ALL-IN-ONE powered air purifying device with integrated motor, battery and filter into the helmet

Head sizes: 53 to 63 cm

Regulated airflow: 190 / 220 l/min

Filter: HEPA (High-Efficiency Particulate Air)

Tiny particles and aerosols (efficiency > 99.98% of 0.3µm particles at 170 l/min)

Assigned Protection Factor (APF): 40

Nominal Protection Factor (NPF): 500

Materials:

- Helmet: Acrylonitrile butadiene styrene (ABS)
- Visor : Polycarbonate

Battery:

- Battery capacity: 4 hours
- Charging time: 2 hours

Approvals:

- Respiratory protection: EN 12941:1998+A2:2008 TH3P
- Head protection: EN 397:2012 + A1-2012
- Eye/face protection: EN 166:2002 1B3
- Ingress rating: IP54

Weight: 1480 g

Operating range:

- Temperature: -5 to +40°C
- Humidity : 0 to 90% HR (non-condensing)

Accessories:

- Visor coverings
- Hearing protections

Product description

The **PureFlo 3000** is an ALL-IN-ONE powered air purifying respirator with integrated EN 397 standard safety helmet and dust filter to protect oneself against solid particles and aerosols. It is a unique one-piece respiratory protection solution for the face and head, with a motor, battery, and filter embedded into the safety helmet.

With no cables, hoses, or belt attachments, the **PureFlo3000 powered air purifying helmet** offers users a freedom of movement, even when combined with other personal protective equipment such as hazmat suits or safety harnesses. The heavy-duty ABS safety helmet complies with EN 397 standard for optimal protection.

Equipped with an **HEPA (High-Efficiency Particulate Air) particle filter** with high-efficiency, providing excellent respiratory protection levels, the **PureFlo 3000** offers an Assigned Protection Factor (APF) of 40. It comes with two rechargeable batteries with approximately 4 hours of autonomy each. A warning device ensures total safety throughout use: alarm of minimum airflow, clogging (clogging or saturation of the filter), and low battery.

The **PureFlo 3000 powered air purifying helmet** is fast and easy to put on and take off. It is an innovative, practical, and comfortable ALL-IN-ONE solution for powered air purifying respiratory protection. It is available in a hood version for the pharmaceutical industry or as a welding helmet with an optoelectronic lens.

► PureFlo 3000 powered air purifying helmet assets:

- Innovative ALL-IN-ONE respiratory protection with high efficiency HEPA filter against solid particles and aerosols
- Motor, battery and filter integrated into the helmet for freedom of movement without any risk of snagging
- HEPA filter against aerosols and tiny particles (lead, hexavalent chromium, manganese, crystalline silica)
- Comfortable fit for extended use with a fully adjustable head harness
- Alarm for minimum airflow reached, filter saturation (clogging) and low-battery
- Quick and easy to set up and remove (no hoses or devices attached to the belt)
- Can be used safely with a beard and / or eyeglasses
- Suitable for industrial, pharmaceutical and welding applications