

► T-Air

Powered air purifying respirator (PAPR)



Technical specifications

Certifications: EN12941 & EN12942.

Air flow rate: Min. 160 l/min - Max.220 l/min (automatic adjustment).

Battery:

- Rechargeable Li-ion 14.8 V / 7.8 Ah.
- Charging time: < 3 hours.
- Autonomy : > 10 hours.
- Weight: 800 grams.

Unit display: Color LED display with flow rate, battery status, and filter type indicator in several languages.

Alarms: Flow and low battery with triple warning device (acoustic, visual & vibratory).

Ingress Protection: IP65.

Unit weight: 700g without filter and battery.

Sound volume: 70 dB(A).

Operating conditions:

- Operating / storage temperature: -10 °C to +50 °C.
- Loading temperature: 0 °C to 50 °C.
- Relative humidity: < 95% (non-condensing).

T-Air respirator filters

The RSG RD DIN40 (EN148-1) filter range with a dedicated release pin offers different filter types for all current applications. It protects against many toxic substances, from organic vapours to mercury vapours.

| Filter type | Operation duration | Protection |
|-------------|--------------------|--|
| P3 | > 15 hours | Fine solid particles and aerosols, bacteria and viruses. |
| A2-P3 | 8 hours minimum | Organic gases and vapours, solvents and solid or liquid particles. |
| A2B2-P3 | 8 hours minimum | Organic and inorganic gases and vapours and solid or liquid particles. |
| ABEK2Hg-P3 | 8 hours minimum | Organic and inorganic gases and vapours, acid gases, ammonia, mercury vapour, and particles. |

Non contractual document. Any reproduction, even partial, is prohibited without prior agreement. © GazDetect.

Product description

The **T-Air** is an economical, sleek, and modern powered air purifying respirator. It is equipped with a battery-powered motor that can be used with a large selection of filters and facepieces. It is designed for the widest possible applications where a high level of protection and comfort is required.

The central unit controls the operating parameters in real-time to ensure optimum airflow to the user, even if the filters become clogged. A triple warning system ensures total safety during operation: airflow, clogging, and low battery alarm.

The **T-Air** can be combined with a full face mask, face shield, hood, helmet set or welding hood. The central unit is equipped with 2 or 3 class 2 filters depending on the filtration category: 2 particle filters (P3) or 3 combined filters. For ease of use, the unit has a colour LED control panel with multi-language symbols.

► T-Air key strenghts

- Made of chemical and impact-resistant ABS.
- Fully electronically controlled airflow.
- Triple warning device: air flow, clogging, and low battery.
- Triple warning device: acoustic, visual & vibratory.
- Removable lithium-ion battery (7.8 Ah) for at least 8 hours of use in any filter combination.
- Charging time less than 3 hours.
- Automatic closing of filter inlets.
- High IP65 protection rating.
- Filter timer for filter replacement.
- Colour LED display with the flow, battery, and filter indicator in several languages.
- Easy to use. It is impossible to switch off the device inadvertently.
- Complete delivery with a comfort belt, battery, filter plug, charger, airflow indicator & instructions.

1000 M



Lightweight and comfortable full-face bonnet with integrated eye protection and long cape for light applications

- TH3 disposable hood made of microporous polyethylene (PE).
- Soft cap easy to put on and take off for intuitive and direct fit.
- Ultra-transparent PETG visor offering a wide field of vision.
- Equipped with an exhalation valve, an adjustable headband and a neck seal.
- Applications: paint spraying, pharmaceutical or light medical environment.

CHEM 1



Chemical hood (class 4A), with integrated eye protection and cape for high risk industrial applications

- TH3 hood with HDPE film laminated to a polyethylene (PE) substrate.
- Flexible headgear easy to maintain, put on and take off for intuitive and direct wearing.
- Ultra-transparent PETG visor offering a wide field of vision.
- Replaceable hood, adjustable headband and neck seal.
- Applications: chemical applications, disposal of industrial waste, petrochemicals.

CHEM 3



Hood (class 3B/4A), with integrated eye protection and cape for very high risk chemical applications

- Multi-layer composite technology comprising EVOH barrier film and LDPE 150 g/m² bonding layers.
- Ultra-transparent PETG visor offering a wide field of vision.
- Equipped with an exhalation valve.
- One size, weight approx. 640 grams.
- Applications : high risk chemical applications, chemical warfare agents, nuclear industry.

Série 400



Full face mask for respiratory protection with wide field of vision

- Available in neoprene rubber (black) or silicone (blue).
- Highly elastic head harness with quick release buckles.
- Unique perimeter sealing lip for excellent seal.
- One size fits all, weight approx. 525 grams.
- Applications: paint spraying (neoprene version), industrial waste disposal, plant protection.

VISOR COMBI



Helmet with visor: effectively protects the head and eyes while providing effective respiratory protection

- TH2 clip-on helmet with air duct, CP disposable acetate visor.
- Elastic cotton gasket.
- Adjustable removable anti-perspiration band.
- One size, weight approximately 590 grams.
- Applications: grinding, paint spraying, handling of light chemicals.

WELD 820



Hood (class 3B/4A), with integrated eye protection and cape for very high risk chemical applications

- Multi-layer composite technology comprising EVOH barrier film and LDPE 150 g/m² bonding layers.
- Ultra-transparent PETG visor offering a wide field of vision.
- Equipped with an exhalation valve.
- One size, weight approx. 640 grams.
- Applications : high risk chemical applications, chemical warfare agents, nuclear industry.