

TURBINE POWERED AIR PURIFYING RESPIRATORS (PAPR)

TURBINE is a range of Powered Air Purifying Respirators (PAPR) for breathing protection fed by a fan supplying to a mask, a hood or a helmet, breathable filtered air.

The use of these respirators is recommended in the open air or indoors but always in ventilated environments where the oxygen concentration is higher than 17% in volume.

They are suitable for tasks such as asbestos removal, work in dusty environments or in crop spraying.

TURBINE respirators can be used with a full face mask, a hood or a helmet to be chosen through the wide available range depending on use conditions, and with particle or combined filters screwed directly onto the fan: P3, A2B2P3 and A2B2E2P3.

TURBINE are designed to protect the operator granting high comfort, achieved by:

- supplying the mask, the helmet or the hood, with the ideal flow rate to reduce the breathing effort to a minimum without noxious flow on the face.
- the ergonomic waist belt provided with soft pad.
- the very low weight compared to the autonomy offered.

TURBINE is designed to withstand decontamination showers. During decontamination it must be worn by the user and switched on.



FAN TURBINE 170

Fan **TURBINE 170** can supply breathable air with two air flows depending on the filter connected.

It is powered by an electric micro-motor contained in a plastic and shockproof housing, two connectors for filters and a fitting for corrugated hose.

On the upper part there is an on/off button and four LED lights indicating: low battery alarm, fault alarm which indicates flow below 120 l/min, flow set to 130 l/min for combined filters and flow set at 170 l/min for particle filters.

The unit is equipped with an acoustic alarm that is turned on when the flow drops below 120 l/min.

Besides the low flow rate alarm, when the battery is exhausting and before the air feeding is automatically stopped, an intermittent luminous and acoustic signal alerts the operator to leave the polluted area.



The fan comes with carrying belt and soft pad for a comfortable wearing.

The battery pack may be externally charged by means of a coaxial jack allowing the use of a spare battery thus prolonging the usage of the product.

Duration of the battery is about 7 hours with combined filters (130 l/min) and about 9 hours with particle filters (170 l/min).

For the correct use of the fan the purchasing of the relevant battery charger is necessary. The charger is not a component of the Respiratory Protection Device. It has to be ordered separately.

TURBINE TM 1702

PAPR respirator with TR 2002 full facemask

TURBINE TM 1702 is a Powered Air Purifying Respirator (PAPR) for breathing protection with full facemask to be chosen among **TR 2002 CL2**, **TR2002 CL3** and **TR2002 S CL3**.

Besides the full facemask, **TURBINE TM 1702** comes with **fan TURBINE 170** complete with waist belt and soft pad, **corrugated hose TUR TM 2090**.

The filters have to be used in pairs and can be chosen between particle and combined filters according to the field of use.

The charger is not a component of the Respiratory Protection Device. It has to be ordered separately.

MODELS AVAILABLE AND MASKS INCLUDED IN THE SET

Set Model	P/N	With Mask	
		Type	P/N
TM 1702 2	130810000	TR 2002 CL2	113020000
TM 1702 3	130820000	TR 2002 CL3	113030000
TM 1702 S3	13082000S	TR 2002 S CL3	113080000

CLASSIFICATION

Powered filtering devices with mask certified to **EN 12941:1998+A1:2002x+/A2:2008 class TM3**.
Complying with directive **89/686/EEC (PPE)**.

MARKING



WEIGHT

2,2 Kg approximately with particle filters
2,6 Kg approximately with combined filters



TURBINE CFU

PAPR respirator with helmet

TURBINE CFU is a Powered Air Purifying Respirator (PAPR) for breathing protection with **ABS lightweight safety helmet** to EN 397 incorporating a **flip-up polycarbonate visor** offering impact protection to EN 166 1 B. The visor is fitted with a replaceable Proban flame retardant face seal.

Besides the helmet, **TURBINE CFU** comes with **electric fan TURBINE 170** complete with waist belt and soft pad, **corrugated hose TUR TH 2070**.

The filters have to be used in pairs and can be chosen between particle and combined filters according to the field of use.

The charger is not a component of the Respiratory Protection Device. It has to be ordered separately.



CLASSIFICATION

Powered filtering devices with helmet certified to **EN 12941 class TH2P**.

M23CHFUV safety helmet to **EN 397 - MM, -20 °C/-30 °C, -40 °C, LD, 440Va.c./1000Va.c** for head protection.

Flip-up visor to **EN 166 1 B 9 3** for impact protection.

Complying with directive **89/686/EEC (PPE)**.

MARKING



WEIGHT

2,2 Kg approximately with particle filters

2,6 Kg approximately with combined filters

TURBINE FU

PAPR respirator with lightweight hood

TURBINE FU is a Powered Air Purifying Respirator (PAPR) for breathing protection with **lightweight hood** incorporating a **flip-up polycarbonate visor** offering impact protection to EN 166 1 B. The flip up visor is already assembled to the hood which comes already complete of a coupling for the breathing hose. It is also provided of an elasticated PU coated Nylon seal for head and face. The hood fitted with an adjustable inner head harness.

Besides the lightweight hood, **TURBINE FU** comes with **fan TURBINE 170** complete with waist belt and soft pad, **corrugated hose TUR TH 2070**.

The filters have to be used in pairs and can be chosen between particle and combined filters according to the field of use.

The charger is not a component of the Respiratory Protection Device. It has to be ordered separately.



CLASSIFICATION

Powered filtering devices with hood certified to **EN 12941 class TH2P**.

Flip-up visor to **EN 166 1 B 9 3** for impact protection.

Complying with directive **89/686/EEC (PPE)**.

MARKING



WEIGHT

2,1 Kg approximately with particle filters

2,5 Kg approximately with combined filters

TURBINE H

PAPR respirator with lightweight hood

TURBINE H is a Powered Air Purifying Respirator (PAPR) for breathing protection with **lightweight hood** made of Tyvek® "F" with **polycarbonate visor** offering impact protection to EN 166 1 B. The hood comes already complete of a coupling for the breathing hose and of an elasticated neck seal. The hood fitted with an adjustable inner head harness.

Besides the lightweight hood, **TURBINE H** comes with **fan TURBINE 170** complete with waist belt and soft pad, **corrugated hose TUR TH 2070**.

The filters have to be used in pairs and can be chosen between particle and combined filters according to the field of use.

The charger is not a component of the Respiratory Protection Device. It has to be ordered separately.



CLASSIFICATION

Powered filtering devices with hood certified to **EN 12941 class TH2P**.

Visor to **EN 166 1 B 9 3** for impact protection.

Complying with directive **89/686/EEC (PPE)**.

MARKING



WEIGHT

2,1 Kg approximately with particle filters

2,5 Kg approximately with combined filters

For more information please check the notes along with the products.

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