

3M Science.
Applied to Life.™



**Lightweight & slim design -
delivering a world
of comfort to you.**

The balanced and compact 3M™ Versaflo™ TR-300+ Powered Air Respirator is the key to easy-to-use, versatile, respirator systems for particulate environments.



The New 3M™ Versaflo™ Powered Air Turbo TR-300+

Thanks to comprehensive research and an in-depth understanding of your needs, we created the most advanced, versatile solution yet. Simply put: It's designed to help make breathing and working easier.

Lighter & Smaller

The turbo is significantly lighter and thinner than 3M's existing belt-mounted turbo units, with a slim profile designed for use in tight spaces.

The weight of the turbo is approx. 1135 g (including particulate filter, high-capacity battery and standard belt). It also keeps its light weight close to the user's back, reducing the leverage effect that can cause turbos to feel heavier.

Straightforward, minimal maintenance

All maintenance can be done by hand.

The battery, filter and pre-filter can all be changed quickly and easily by hand.

- The belt and turbo unit have smooth surfaces with facilitating fast wipe-downs for easier cleaning.
- IP53 rating. Suitable for use in decontamination shower.
- A window on the turbo allows instant identification of the installed filter.
- Durable brushless motor for superior reliability.

Comfort

Sophisticated electronics keep the factory-calibrated airflow at 170 l/min (MMDF), eliminating the need for regular calibration by the user. Even as the battery discharges, or the filter becomes loaded with particulates, the unit delivers a steady flow of air.

The 2 selectable flow rate options - 185l/mn and 205l/mn - offer more comfort to the user.

Simple Yet Comprehensive Controls

The 3M™ Versaflo™ Powered Air Turbo TR-300+ features a user-friendly design with intuitive, coloured interactive touch points, battery charge status, selected airflow and particulate filter loading status indicators as well as audible/visual low-flow and low-battery indicators.

Convenient ways to buy.

Intelligent power

- The economy battery runs continuously for approx. 4.5 to 6h, while the high capacity battery runs for approx. 9 to 12h (with new filter and new fully charged battery in both cases). Recharging time is less than 3h for the standard battery (less than 3.5 h for the high-capacity battery).
- The lightweight lithium ion battery quickly charges and has no memory effect or heavy metals. It can be easily removed for charging.
- Intelligent chargers help maintain the optimum battery performance and are available in single-battery or four-battery stations.

Options For Diverse Environments

- Filters: Pre-filter, Particulate filter, Particulate filter that also reduces nuisance-level organic vapours*, Particulate filter that also provides protection against hydrogen fluoride, with performance up to

10 x Threshold Limit Value (TLV), as well as offering nuisance-level acid gas performance.*

- For welding and grinding applications, a spark arrestor reduces the risk that sparks and other hot materials will come in contact with the filter and motor.
- Belts: Standard webbing belt, Coated easy-clean belt, Spark-resistant leather belt for heavy-duty applications and braces and a backpack are also available.
- Standard and high-capacity battery.
- Single Charger and 4-Station Battery Charger kit.
- EN12941 TH2/TH3.

► 1 Starter Kit

3M™ Versaflo™ Powered Air Starter Kit TR-315E+ includes:

- TR-302E+ Powered Air Turbo
- TR-3712E P Filter
- BT-30 Length Adjusting Breathing Tube

- TR-325 Standard Belt
- TR-332 High Capacity Battery
- TR-341E Single Station Battery Charger
- TR-3600 Pre-Filter (x10)
- TR-971 Airflow Indicator
- TR-362 Spark Arrestor (x2)



► 2 Total Customisation

If you need full customisation of your 3M™ Versaflo™ Powered Air Turbo TR-300+ system, you can purchase all components separately (see tables on next page).

*Nuisance level refers to concentrations below the occupational exposure limit (OEL).



3M™ VersaFlo™ Components



POWERED AIR TURBO



Powered Air Turbo

TR-302E+	Includes:	TR-971 Air Flow Indicator
		TR-362 Spark Arrestor (x2)

FILTERS



Filters

TR-3712E Particle
TR-3802E Particle + Nuisance level organic vapour **
TR-3822E Particle + Nuisance level acid gas (including HF up to 10 x OEL)

Filter Covers

TR-371+

**Nuisance Odour refers to concentrations below the occupational exposure limit.

BATTERIES



Batteries

TR-330 Standard Battery
TR-332 High Capacity Battery

CHARGERS



Chargers

TR-341E Single Station Battery Charger Kit
TR-344E 4-Station Battery Charger Kit

BELTS



Belts

TR-325 Standard Belt
TR-326 Leather Belt
TR-327 Easy Clean Belt

SPARES & ACCESSORIES



Spares & Accessories

TR-971 Airflow Indicator	BPK-01 Backpack
TR-3600 Pre-Filter	TR-329 Braces
TR-362 Spark Arrestor	

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