

▶ HALO WORK

TM3 P3 powered air purifying mask



Technical specifications

HALO WORK CleanSpace™ motor:

ALL-IN-ONE powered air purification system with P3 HEPA filter and battery integrated into the engine block.

Technology: AirSensit™

- Mask pressure and airflow control based on breathing pattern
- Management of both filter life and battery life

Weight: 350 grams (lightweight, compact and comfortable)

Maximum airflow: Up to 230 l/min

Battery: Lithium-ion polymer

Protection rating: IP66 (waterproof, suitable for decontamination procedures)

Visual and audible alarms:

- Particle filter low-life
- Battery charge level or low battery warning
- Minimum flow rate specified by manufacturer: 120 l/min

Operating time:

- Up to 9 hours
- Charging time < 2 hours

Certification: EN 12942, classification TM3

Installation: Easy-to-use head harness

P3 HEPA filter: Very fine particles, aerosols, viruses and bacteria (efficiency > 99.97% of 0.3µm particles)

Half-mask:

- Material: Hygienic and hypoallergenic medical silicone
- Available in 3 sizes
- Weight: 125 to 150 grams

Product description

Equipped with a high-performance P3 HEPA filter, the **HALO WORK CleanSpace® powered air purifying mask** offers a particularly high level of protection, with 99.5% filtration efficiency against fine solid and liquid particles, aerosols, viruses and bacteria. It's an innovative respiratory protection device that automatically adapts airflow to the user's breathing for maximum comfort.

Extremely light, weighing just 370 grams overall, it's comfortable to wear and has no belt attachments (cables, motor hoses or battery), giving you great freedom of movement without the risk of getting tangled up. It is compatible with standard PPE (safety helmet, welding shield, fall arrest harness, protective suit, etc.) for effective respiratory protection in all circumstances.

The **HALO WORK CleanSpace® powered air purifying mask** represents a major innovation in respiratory protection. It features a compact motor with neck padding that integrates the battery and the P3 HEPA (High-Efficiency Particulate Air) filter, coupled with a half-mask that attaches with side clips for simple installation and removal, while maintaining excellent load balance.

The patented toroidal micro-turbine motor generates an airflow of up to 200 l/min. The filtered air is supplied on demand, automatically adapting to the user's breathing rate, limiting the strain on the battery while providing real respiratory comfort. The system is equipped with a low battery warning and a filter status indicator to keep the user informed of the system's condition.

Easy to use, it requires no special training. All you have to do is charge the battery, connect the mask and switch it on for optimum respiratory protection. It is widely used in very dusty environments (cement, concrete, silica), boilermaking, welding, and the handling of chemical, organic or biological materials.

▶ Fields of application

- Woodworking (sanding, paint removal, wood dust)
- Metal treatment (grinding, sandblasting, brazing, welding, corrosion and metal dusts, welding fumes, paint particles)
- Construction / demolition (drilling, concrete, plaster, rock wool and tile dusts)
- Waste disposal (cleaning of dusty environments, floor sweeping, wastewater disposal, odorous dusts, bacteria, fungus)
- Medical sector (elimination of medical waste (viruses, bacteria, fungus))