

PRODUCT CODE: CS3000

PRODUCT NAME: CleanSpace™ HALO Power Unit



#### Description

CleanSpace HALO Power Units are a battery-powered, positive pressure air-purifying respirator with IP Rating 66. CleanSpace HALO is suitable for healthcare, laboratory, pharmaceutical and emergency response. Protection in applications with particulate contaminants and biohazards. As well as heavy water and decontamination procedures.

CleanSpace HALO respirators are used with CleanSpace Half Masks (CS3003, CS3004, CS3005) and CleanSpace Full Face Masks (CS3006, CS3007). Accessories and spares are available for the CleanSpace Halo System including CleanSpace particulate (P3/HEPA) filter, pre-filter, protective cover, hoods/visor and cleaning/storage plug.

#### Approvals

##### Standards

EN12942  
AS/NZS1716: 2012  
IP Rating 66

##### Classification

PAPR-P3 TM3

#### Features

- IP Rating 66 – resistant to dust and liquid ingress
- Suitable for decontamination procedures
- Light weight (350g), compact and comfortable
- Long operating time: up to 9 hours and quick battery recharging: < 2hours
- AirSensit™ System for mask pressure control and breath responsive airflow
- One-button system and standby and auto-start/stop mode for quick don/doffing
- Easy to use support harness
- Easy and accurate flow capability check

#### Visual/Audible alarms

- Particulate filter end of life
- Battery charge level
- Low battery warning
- Manufacturers minimum design flow: 120L/min

#### Specifications

- Peak airflow: Up to 200 l/min
- Weight: 350g
- Lithium-ion polymer battery
- Operating time: up to 9 hours
- Battery recharging: less than 2 hours
- Operation: -10°C to +45°C (14°F to +113°F) at <90% relative humidity
- Charging temperature range: 0°C to 35°C
- Storage: -10°C to +35°C (-14°F to +95°F) at <90% relative humidity
- AC Adaptor charger: Input 100 – 240V, 50 to 60Hz, output 13.5Vdc ±5%, 24W



### CLEANSPACE™ HALO POWER UNIT CS3000

### DATA SHEET

**Suitable Applications for IP Rating 66**

Particles: 6 Protected against all dust — ‘dust-tight’;  
Liquids: 6 Protected against Water projected in powerful jets (12.5 mm nozzle) against the enclosure from any direction shall have no harmful effects. Test duration: at least 3 minutes, Water volume: 100 litres per minute, Pressure: 100 kPa at distance of 3 m).

CleanSpace HALO respirators are suitable for healthcare, pharmaceutical and laboratory applications where decontamination procedures are used.

**Suitable Applications**

Healthcare, pharmaceutical production, research, diagnostic laboratories and emergency responders. Suitable for protection against airborne biohazards.

**Limitations**

CleanSpace is an air filtering, fan assisted positive pressure mask and is designed to be worn in environments where there is sufficient oxygen to breathe safely. Do not use the CleanSpace in IDLH atmospheres, to protect against gases/vapours that cannot be filtered, or in Oxygen enriched or deficient atmospheres.

**Training**

Online training available with verification for compliance purposes.  
Contact [sales@cleanspacetechnology.com](mailto:sales@cleanspacetechnology.com)

**Warranty**

3 years from date of user purchase.

