

PRODUCT CODE: CST1011

PRODUCT NAME: CleanSpace™ ULTRA Power Unit



**Description** The CleanSpace ULTRA Power Unit is a powered air purifying respirator (PAPR) when worn together with the following compatible items:

- A CleanSpace CST Full Face Mask (CST1017, CST1018), OR
- A CleanSpace CST Half Face Mask and Head Harness (CST1034, CST1035, CST1036), and
- A range of CleanSpace CST particulate and gas/vapor filters.

Suitable for environments which require respiratory protection against airborne biohazards, particulates, dust, gas and vapors.

This device is Bluetooth™ enabled and able to connect to the CleanSpace Smart App.

**Approvals**                      **Standard & Classification**

NIOSH                      PAPR  
 TC-21C-1270  
 TC-21C-1271  
 IP65 Rating

**Features**

- Lightweight, compact and comfortable
- One power button for simple operation
- AirSensit™ Technology:
  - Mask pressure control and breath responsive airflow
  - Filter life management
  - Battery life management
- Intelligent Management Filter Technology (IMFT): filter life optimization and real-time insights
- Mask-release and adjust buttons suitable for gloved hands
- Long run time and short battery recharge time
- Long term storage technology maintains battery charge for 1 year
- IP65 Rating: Resistant to dust and liquid ingress
- Suitable for decontamination showers and high water use environments
- Compatible with CleanSpace Smart App (available at Google Play and Apple App stores)

Refer to [CleanSpace website](#) for details on the CleanSpace Smart App

**Alarms**

- Low Battery
- Filter Blocked
- Filter Absent
- Filter Expired
- Filter Maximum Use Time - minutes (*by subscription only*)

**Specifications**

- Product Weight: 0.9 lbs
- Dimensions: 8.3 in x 7.1 in x 2.8 in
- Peak Airflow: 230 l/min
- Battery: Lithium-ion polymer
- Operating Time: up to 14 hrs
- Battery recharge time: < 2 hrs
- AC Adaptor Charger: Input 100 – 240V, 50/60Hz, output 14.7Vdc ±5%, 24W

**Use, Charging and Storage Conditions**

- Use temperature range: -10°C to +45°C (14°F to +113°F) at < 90% relative humidity
- Charging temperature range: 0°C to 35°C (32°F to 95°F)
- Storage conditions: +10°C to +30°C (+50°F to +86°F) at < 75% relative humidity
- Battery charge maintained for up to one year when in storage



#### Applications

Suitable for environments which require respiratory protection against airborne biohazards, particulates, dust, gas, and vapors.

**Examples:** Welding, Woodworking, Manufacturing, Smelting, Construction, Transportation, Recycling Plants, Emergency Services, Mining, Agriculture, Processing Plants, Grinding, Laboratories.

CleanSpace ULTRA respirators are IP65 rated and are suitable for asbestos removal and chemical applications where decontamination showers are used.

CleanSpace ULTRA respirators are NOT suitable for intrinsically safe certified operations.

#### Limitations

CleanSpace respirators are air filtering, fan assisted, positive pressure systems and designed to be worn in environments where there is sufficient oxygen to breathe safely. Do not use CleanSpace respirators in *immediately dangerous to life or health* (IDLH) atmospheres, to protect against gases/vapors that cannot be filtered or in oxygen enriched or deficient atmospheres.

CleanSpace ULTRA Power Unit is not certified as intrinsically safe.

#### Education

Contact [sales@cleanspacetechnology.com](mailto:sales@cleanspacetechnology.com) or visit the [CleanSpace website](#) for details.

#### Warranty

Visit <https://cleanspacetechnology.com/warranty/> to read important Warranty information and complete the Warranty Registration Online Form for CleanSpace Products. Consumable parts are warranted up to the point of use, provided they have been stored correctly and are within their expiry date.

CleanSpace recommends filters are replaced regularly.

