



**FRSA**  
Fire Rescue Safety Australia

# CLEANSPACE ULTRA

**The latest** technology  
to transform Respiratory  
Protection Programs



WITH  
**AirSensit®**  
TECHNOLOGY

**CleanSpace®**  
RESPIRATORS  
Free the way you breathe

# Technology to transform respiratory protection management

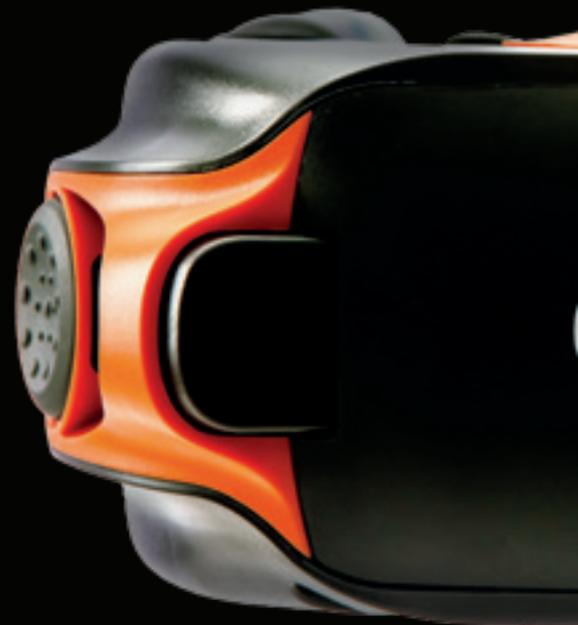
Intelligent PAPR systems that deliver high performance and real-time information to simplify protection management.

Work related lung disease is a major contributor to asthma, Chronic Obstructive Pulmonary Disease (COPD) and lung cancer. CleanSpace is the global leader in respiratory protection technology and program solutions. We prioritise protection.

With patented AirSensit® technology, our lightweight systems have no belts or hoses. They deliver superior protection from lung hazards that enable wearers to work at their best.

CleanSpace advanced tools and programs provide real-time data for users and companies to effortlessly manage compliance.

- Peak airflow: 230 L/min
- Enhanced acoustics and communication
- AirSensit® technology: monitors pressure 100 Hz



- Buttons designed for gloved hands
- Modern, intuitive operating system
- Durable and robust
- Sustainable: reusable, low carbon and plastic footprint



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- A side-profile view of the CleanSpace PWR respirator. The device is primarily black with orange accents on the top handle and the front facepiece. The word "CleanSpace" is printed in white on the side of the black housing. The front facepiece has a circular filter port on the right side. The background is dark with a pattern of small blue dots and some grey wavy lines at the top.
- Power Unit <450g (lightest PAPR on market)
  - Compact/few Parts: No adaptors, tubes or connectors
  - Compatible with half and full face masks
  - Particulate and gas filters available

CleanSpace

- Run time: up to 14 hours\*
- Quick charge: under 2 hours
- Battery: lithium ion – safe and light
- Docking stations & car chargers available

\*Operating time is strongly affected by filter type, filter loading, mask seal, work rate, altitude, and other factors. The operating times quoted above are average durations at moderate work rates at sea level. Actual operating times may vary widely from the quoted average durations.

# CleanSpace ULTRA Applications:

- Mining
- Metal & Welding
- Construction & Stone (Silica)
- Chemical
- Pharmaceutical
- Waste & Water
- Maintenance & Cleaning
- Agriculture & Food

**No waist-mounted  
belts or hoses.**

Use work tools, vehicles  
and move around heavy  
equipment without  
restriction.





# Technology that tracks respiratory protection

In the workplace with airborne hazards, employers must implement and manage an effective Respiratory Protection Program, consisting of four components to fulfill their duty of care:

## MONITORING/REPORTING:

Surveillance in place to ensure compliance and shape behaviours/processes as required

## CORRECT USE:

Staff are capable and confident on the use and care for their respirators

## RELIABLE PROTECTION:

Respirators that consistently meet or exceed site requirements

## SUITABLE WORKFLOW:

Respirators are working, available and ready to use when needed

## Features



**LIGHT: <450G**



**PEAK AIRFLOW  
230L/min**



**SUSTAINABLE  
PACKAGING**



**CONNECTIVITY**



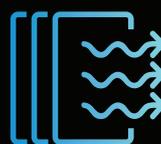
**BATTERY RUN TIME  
UP TO 14 HRS\***



**EXCEEDS  
COMPLIANCE**



**REAL-TIME  
PROTECTION SCORE**



**INTELLIGENT MANAGEMENT  
FILTER TECHNOLOGY (IMFT)**



**ADVANCED PROGRAM  
TOOLS & INSIGHTS**

\*Operating time is strongly affected by filter type, filter loading, mask seal, work rate, altitude, and other factors. The operating times quoted above are average durations at moderate work rates at sea level. Actual operating times may vary widely from the quoted average durations.

# CleanSpace Solutions

## CLEANSPACE ULTRA



- Advanced powered air purifying respirator (PAPR)
- Compact and lightweight: <450g
- Peak airflow 230 L/min; breath responsive
- Battery run time up to 14 hours\*; fast recharge
- Bluetooth connectivity:
  - Real-time protection score
  - Set GAS FILTER MAX USE time
  - Displays alarms and alerts

## CLEANSPACE SMART APP

### FOR USERS

- Gives users control and visibility to their lung protection
- Real-time respirator information: protection score, battery charge (%), filter use (min and %), Gas Filter Max Use time
- User Tools: correct set up and use; and report feedback at point of use
- Free to download from Apple and Android stores

## CLEANSPACE PROGRAMS

### FOR MANAGEMENT

- Learning assets and tailored support
- Services: Equipment maintenance, part replacement and fit testing

Program Reporting: device use, protection, alerts, filter use, issues/feedback logged, fleet tracking and equipment schedules - *annual subscription charges apply*

\*Operating time is strongly affected by filter type, filter loading, mask seal, work rate, altitude, and other factors. The operating times quoted above are average durations at moderate work rates at sea level. Actual operating times may vary widely from the quoted average durations.



# DOWNLOAD THE CLEANSPACE SMART APP FOR USERS



Available on the  
 App Store

GET IT ON  
 Google Play

# STEP 1: SELECT MODEL



CleanSpace ULTRA  
CST1010

Power Unit,  
neck supports,  
charger & carry bag  
*(excludes mask and filter)*



# STEP 2: SELECT MASK



Half Mask  
(includes head harness)

CST1034 - Small  
CST1035 - Medium  
CST1036 - Large



Full Face Mask

CST1017 - Small  
CST1018 - Medium/Large

# STEP 3: SELECT FILTER

## PARTICULATE

TM3 / P3 / HEPA

Particulate Filter  
Standard (3pk)  
CST1005

Particulate Filter  
High Capacity (3pk)  
CST1004

## COMBINATION GAS & PARTICULATE

Gases & Vapours: Organic, Inorganic, Acid and Ammonia  
TM3 / P3 / HEPA

 PAPR-ABEK1P3 - Australia/NZ  
CST1007



# WHAT'S INCLUDED IN THE BOX?

## CleanSpace ULTRA Power unit

*(motor/fan/battery pack)*



WATER  
TOLERANT



ADVANCED  
PROGRAM TOOLS  
& INSIGHTS



CleanSpace  
ULTRA

CleanSpace ULTRA is the latest addition to CleanSpace Technology's advanced range of respiratory protection products: designed for industrial use where water tolerance is required (IP65 Rating). CleanSpace ULTRA is a powered air purifying respirator (PAPR) that

offers superior protection against dust and gas airborne hazards. With no hoses or heavy waist-mounted battery packs, CleanSpace ULTRA is the most comfortable and easiest to operate in the PAPR market, Features AirSensit® technology and connectivity.

## Battery Charger



## 2x Neck Support

*(small and medium)*



**PLUS:** A Carry Bag & Quick Start User Guide

## FEATURES

- Fully approved: NIOSH, CE, UKCA and AS/NZS1716
- CleanSpace SMART App is free to download from Apple and Android Stores
- CleanSpace Programs are available on subscription. Additional costs apply.

## PRODUCT COMPATIBILITIES

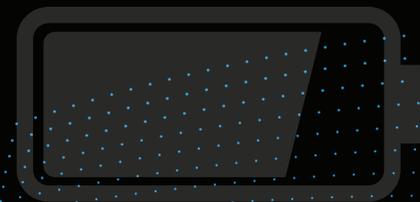
**Face Pieces:** Half masks (sml, med and lge) and full face masks (sml and med/lge)

**Particulate Filters:** P3/TM3/HEPA – standard and high capacity

**Particulate/Gas Filter:** ABEK1P3

**Accessories:** Protective sleeve/prefilter, cleaning storage plug, docking station (max 8 units)

**Connectivity:** CleanSpace SMART App and CleanSpace Programs



# CleanSpace<sup>®</sup>

R E S P I R A T O R S

Free the way you breathe



**FRSA**  
*Fire Rescue Safety Australia*

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[www.frsa.com.au](http://www.frsa.com.au)