CleanSpace®
R E S P I R A T O R S

CLEANSPACE™ PRO POWER UNIT │ CST1002	**DATA SHEET**

PRODUCT CODE: CST1002

PRODUCT NAME: CleanSpace™ PRO Power Unit

Description	The CleanSpace PRO 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 Mask and Head Harness (CST1034, CST1035, CST1036), and • A range of CleanSpace CST particulate and gas/vapour filters.
	Suitable for use in environments which require respiratory protection against airborne biohazards, particulates, dust, gas and vapours.
	This device is Bluetooth™ enabled and able to connect to the CleanSpace Smart App.
Approvals	**Standard & Classification***
	EN12942:1998+A2:2008 TM3 AS/NZS 1716: 2012 PAPR-P3 (P2 with Half Mask)
	Specific classification is dependent on filter used

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
	• 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
Specifications	• Weight: 415 g • Dimensions: 210 mm x 180 mm x 70 mm • 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 to 60Hz, output 14.7Vdc ±5%, 24W
Use, Charging & 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

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Applications	Suitable for environments which require respiratory protection against airborne biohazards, particulates, dust, gas, and vapours. Examples: Welding, Woodworking, Manufacturing, Smelting, Construction, Transportation, Recycling Plants, Emergency Services, Mining, Agriculture, Processing Plants, Grinding. *Refer to Filter Selection Table for more information.* CleanSpace PRO respirators are NOT suitable for asbestos removal, applications where decontamination showers are used or 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/vapours that cannot be filtered or in oxygen enriched or deficient atmospheres. CleanSpace PRO Power Unit is not water tolerant/IP Rated or not certified as intrinsically safe.
Education	Contact 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.

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