



## CleanSpace™ CST PRO Power Unit



<b>PRODUCT CODE</b>	CST1002
<b>PRODUCT NAME</b>	CleanSpace™ CST PRO Power Unit
<b>DESCRIPTION</b>	<p>The CleanSpace CST PRO Power Unit is a powered air purifying respirator (PAPR) when worn together with the following compatible items:</p> <ul style="list-style-type: none"> <li>• A CleanSpace CST Half Face Mask and Head Harness (CST1034, CST1035, CST1036), and</li> <li>• A range of CleanSpace CST High Efficiency (HE) Particulate filters.</li> </ul> <p>Suitable for use in environments which require respiratory protection against airborne biohazards, particulates, dust.</p> <p>This device is Bluetooth™ enabled and able to connect to the CleanSpace Smart App.</p>
<b>APPROVALS</b>	<p>Standard &amp; Classification</p> <p>NIOSH PAPR TC-21C-126</p>
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>• Lightweight, compact and comfortable</li> <li>• One power button for simple operation</li> <li>• AirSensit™ Technology: <ul style="list-style-type: none"> <li>- Maintains positive pressure inside the mask by synchronising with the users breathing</li> <li>- Filter life management</li> <li>- Battery life management</li> </ul> </li> <li>• Intelligent Management Filter Technology (IMFT): filter life optimization and real-time insights</li> <li>• Mask-release and adjust buttons suitable for gloved hands</li> <li>• Long run time and short battery recharge time</li> <li>• Compatible with CleanSpace SMART App (available at Google Play and Apple App stores)</li> </ul>
<b>ALARMS / ALERTS</b>	<p>Low Battery Alarm</p> <p>Filter Change Alert (Blocked or Expiry Date Reached)</p> <p>Filter Absent Alarm</p>
<b>SPECIFICATIONS</b>	<ul style="list-style-type: none"> <li>• Weight: 0.9 lbs</li> <li>• Dimensions: 8.3 in x 7.1 in x 2.8 in</li> </ul>

Australia (Head Office): +61 2 8436 4000 | [sales@cleanspacetechnology.com](mailto:sales@cleanspacetechnology.com)

*Uncontrolled if downloaded or printed from the internet.*

**[WWW.CLEANSPEACEUSA.COM](http://WWW.CLEANSPEACEUSA.COM)**





- Peak Airflow: 230 l/min
- Assigned Protection Factor (APF): 50 (CleanSpace CST PRO with Half Mask)
- 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

\* Battery operating time is affected by mask fit, filter type, work rate and environmental conditions. Actually operating times may vary.

#### 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

#### 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.

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/vapors that cannot be filtered or in oxygen enriched or deficient atmospheres.

CleanSpace PRO Power Unit is not water tolerant/IP Rated and is not certified as intrinsically safe.

#### EDUCATION

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

#### WARRANTY

Visit [www.cleanspacetechnology.com/warranty/](http://www.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.

