

Detailed Specifications of Ozonated Radical Confined Space (ORCS) Sanitization Unit (Poorn Swachh)

Item Code	ORCS-PS
Name of item	Ozonated Radical Confined Space (ORCS) Sanitization Unit (Poorn Swachh)
Category (Industrial / Research)	Industrial (Health and Non-Health Care Units)
Product Dimensions (from ground)	15"X 15" X 40"
Net Volume	20 L
Model	Enhanced Cleaning Process (ECP)- Level I
User- Friendliness	Durable, Portable and Mobile for ease of operations
Sanitization Process	Cold Sanitization Process (no unusual heat)
Material	MS Powder Coated
Technology	ORCS Sanitization Technology developed by DRDO
Disinfection Process	Dual Process: Aqua-Ozone & Triyogani-Ozone
Modes of Operation	Single Switch Operation
Control Panel	Ozone Regulator & Humidity Control Front Display
Sterilization Process Support	Surface Sterilization & Advance Oxidative Process
Confined Space Limit	Upto 2 Lakh Liters
Human Safe	Complied with limits of ozone as per OSHA Standards
Functional Operational Cycle	Automatic Cut Off as per achieving Sterility Assurance Level (SAL)
Sterilization Grade of Primary Sterilant	GRAS (Generally Recognized as Safe) Organic with 2.8 V oxidation potential : Ozone
Spreadability & Penetration	360 Degree Spreadability with Shadow Aversive Penetration
Operational Safety	Ozone doesn't support Fire / No sharp edges
Sterility Assurance Level- Bio-indicator Kit	Optional Accessory provided as separate item only on request of buyer - Disinfection Validation against <i>Geobacillus stearothermophilus</i> spores (FDA -categorized biological indicators for sterilization); Product Validated against these spores. This is one of the component of Quality Assurance Kit. User is free either to procure or to hire QC services for quality assurance.
OS Sterile Strip Pack	Pack of 30 OS Sterile Strips (DRDO technology) provided with each unit as chemical indicator strips for Ozonated Space Validation Protocol (instructions of usage as part of Instruction Manual). This is one of the component of Quality Assurance Kit. User is free either to procure or to hire QC services for quality assurance.

Radical Dispensing Solution	Triyogani Solution (Fumigant) - 1 Liter each provided as free accessory with each unit. Optional accessory as per requirement of buyer (instructions to use provided in instruction manual).
Quality Control Checklist	Provided by Manufacturer as per requirement furnished by DRDO for conduct of QC trials at the end of buyer
Power Back	1000 VA UPS with back up of 20 min (as per safety consideration of electrical failure for completion of ongoing cycle)
Production Facility Certification	ISO 9001: 2015; ISO 13485: 2016; WHO: GMP and QCI Approved Manufacturing Facility
Operational Power Requirement	220 V, 50 Hz
Noise Level	Applicable for Long Term Usage in Hospital/ Industry
Instruction Manual	Provided with each unit for handling and precautions while conducting operations
Acceptance Test Procedures	ATPs for Installation Assessment provided by Manufacturer (as mandatory requirement for ensuring right installation of product and usage)
Warranty Period	01 year applicable from Date of Delivery (T&C applied as per Manufacturing Warranty Agreement)
Post Installation National On-Site Support	Optional service to be activated by buyer as per their requirement (non-inclusive as part of unit being procured)
Critical Component Damage Insurance	Optional service to be activated by buyer as per their requirement (non-inclusive as part of unit being procured)
Minimum Order Quantity Clause	Not Admissible being DRDO Technology within Indian sub-continent
Logistics Insurance	Optional service to be activated by buyer as per their requirement (non-inclusive as part of unit being procured)
Residential Engineer Support Service (RESS)	Optional service to be activated by buyer as per their requirement (non-inclusive as part of unit being procured)