



Ozone Sterilizer and Disinfection Chamber (Uvgi-10)

APPLICATION

Sterilization of laboratory equipment and glassware
Disinfection in hospitals and healthcare centers
Pharmaceutical and biotech industry contamination control
Cleanroom and controlled environment sterilization
Food packaging and processing industry hygiene
Water treatment and air purification support



DETAILED DESCRIPTION

Eco-friendly sterilization – leaves no chemical residue
Broad spectrum disinfection – eliminates bacteria, viruses, fungi, and spores
Fast cycle times for efficient operation
Uniform ozone distribution ensuring complete coverage
Digital PLC/HMI control system for easy programming and monitoring
Compact design for easy installation and space optimization
Energy-efficient with low operating costs
Safety interlocks to protect operators

CONSTRUCTION

Inner Chamber: Stainless Steel (SS304/SS316) for durability and hygien
Outer Body: GI powder-coated or stainless steel

NARANG SCIENTIFIC WORKS PVT. LTD.

(Manufacturers & Exporters)

Address: GI-111, Mayapuri Industrial Area, Phase-II, New Delhi-64

E-mail: gemsalesnsw@gmail.com

Phone: 9818868239

Fax: 91-11-28112608

Web: www.nsw-india.com

WHO GMP
compliant company



Certified



Ozone Generator: High-efficiency corona discharge type
 Safety Door Interlock with gasket sealing
 Integrated exhaust and ventilation system
 Mobility wheels (optional for portable units)

Brand	NSW INDIA
Model	<u>UVGI-10</u>
Construction	Inner: Stainless Steel Outer: Mild steel with powder coating
Disinfection Mode	Ozone Gas + UV-C Irradiation
External Dimensions	700 mm (W) x 700 mm (D) x 1500mm (H)
Capacity	735 Litres
Disinfection Area	5 Modifiable Racks (Adjustable/Removable)
Lamp Make	Philips (UV-C Germicidal Lamps)
UV Wavelength	253.7 nm
Lamp Power	40W per Lamp (Total: 80W)
Lamp Voltage/Current	94V / 0.425 A
Lamp Life	9000 Operating Hours
UV Transmission	>75%–80%
Display Type	Microcontroller-Compatible LCD
Display Dimensions	80mm x 36mm x 26mm
Door Mechanism	Auto Disinfection Cut-off on Door Open
Indicators	LED Status Light & Audible Buzzer
Timer	Fully Automated Cycle Controller
Power Rating	150W
Power	210-220 V AC $\pm$ 15%, 50Hz

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