



UV Exposure Cabinet

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

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



CONSTRUCTION

Inner Chamber: SS
Outer Body: SS
Safety Door Interlock with gasket sealing
Integrated exhaust and ventilation system
Mobility wheels (optional for portable units)

WHO GMP
compliant company



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

Brand	NSW INDIA			
Model	<u>UVEC-1</u>	<u>UVEC-4</u>	<u>UVEC-7</u>	<u>UVEC-10</u>
Capacity	225 L	350 L	750 L	1000 L
Size in mm	605X605X605	750X750X750	700X700X1500	1000X 1000 X 1000
Construction Inner/Outer	SS			
Disinfection Mode	UV-B Irradiation			
Inner Dimension	1m*1m*1m			
Capacity	1000 Liters			
Disinfection Area	5 Modifiable Racks (Adjustable/Removable)			
Irradiance Controller	Yes			
UV Source	UV-B: 313 nm (280–315 nm)			
Lamp Make	Philips (UV-B Germicidal Lamps)			
UV Wavelength	253.7 nm			
Lamp Voltage/Current	94V / 0.425 A			
Lamp Life	9000 Operating Hours			
Display Type	Microcontroller-Compatible LCD			
Door Mechanism	Auto Disinfection Cut-off on Door Open			
Indicators	LED Status Light & Audible Buzzer			
Power Rating	150W			
Power	210-220 V AC $\pm$ 15%, 50Hz			

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