



Product Definition

UVS-1

Ultra V Cleaner Series

Professional Surface Sterilizer



Key Features

- Effectively eliminates bacteria , viruses, fungi, mold spores, cysts and yeasts with one pass
- Takes a fraction of a second to effectively eliminate all bacteria, viruses, fungi, mold spores, cysts and yeasts listed
- Cordless design , rechargeable
- Can operate from charger cord while batteries are recharging
- Safety feature turns off light if not completely on surface, avoiding human exposure
- Ideal for busy locations where fast, repeated sterilization is required

Applications

Doctor's and Dentist's offices
Hospitals
Restaurant kitchens
Restaurant tables and counters

Many other applications where
surfaces must be clean from viruses,
bacteria, fungi and yeasts.



Go Green

The UVS-1 uses no additives or chemicals

Size:

12"L x 3.5"H x 4"W

Description

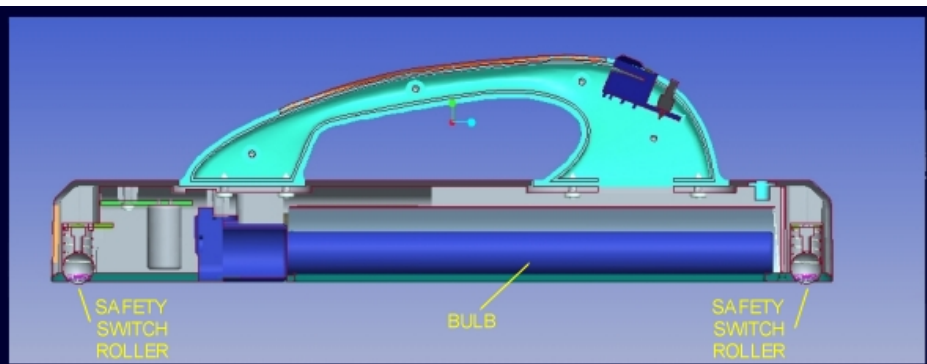
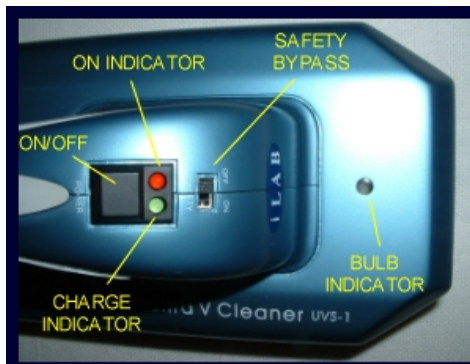
The Ultra V Cleaner series provides fast and effective sterilization of germs, viruses, algae and mold.

Our Ultra V Cleaner series products are designed with personal and public protection in mind. The UVS-1 Instant Surface Sterilizer is ideal for home and commercial use. Use it in Doctor's offices, Dentist offices, Hospitals, and more to provide fast sterilization of surfaces such as desks, reception counters, tables and other surfaces.

Help protect your staff, patients, customers and visitors by keeping a UVS-1 near these surfaces for fast and easy periodic sterilization.

The UVS-1 surface sterilizer takes only seconds and uses proven germicidal UV light to render germs, viruses, algae and mold incapable of reproducing.

For example, the UVS-1 outputs a powerful 3,700 uW of UV-C light energy. This means that if it takes a dosage of 6,600 to effectively eliminate Influenza, then it will take about 1 3/4 seconds of exposure time with the UVS-1 to sterilize the influenza virus.



Power Requirements: 10 NiMH batteries, internal rechargeable, battery powered.

Technical Specifications

Spectrum: Primary UV-C Wavelength 254 nm
Power Output : 18W bulb , 3,700uW at surface

The UVS-1 is cordless, and can be plugged into it's quick charger after use. Typical use allows the UVS-1 to operate for a full day without recharging. The built-in fast charger charges the batteries in 1 hour, then switches to trickle charge to maintain full charge.

External battery charger supply: 13.5VDC @ 1A.

Operating Conditions
5-45 degrees Celsius , natural convection cooling

0-90% relative humidity (non-condensing)
External Cooling Fins: 30 degrees Celsius maximum operating from batteries, 60 degrees Celsius maximum operating from external charger supply.

Bacteria, Mold, Algae, Virus, Cyst, and Yeast	Commonly called:	UV energy dosage required (uW)	Bacteria, Mold, Algae, Virus, Cyst, and Yeast	Commonly called:	UV energy dosage required (uW)
BACTERIA			BACTERIA		
Severe Acute Respiratory Syndrome	SARS Virus	Unknown	Shigella sonnei	Enteric Infection	7,000
Bacillus anthracis	Anthrax Virus (not spores)	8,700	Staphylococcus epidermidis	Bacteraemia, Wound Infection, Endocarditis, Catheter-Related Sepsis, UTI, Toxic Shock Syndrome, Eye Infection, Osteomyelitis	5,800
Bacillus anthracis	Anthrax Spore	40,000	Staphylococcus aureus	Staphylococcal Diseases, Impetigo, Toxic Shock Syndrome, Food Poisoning, Intoxication	7,000
Agrobacterium tumefaciens	Crown Gall Disease (plants)	8,500	Enterococcus faecalis	Urinary Tract Infection and Bacterial Endocarditis	10,000
Bacillus Megatherium	Wetwood Disease	5,200	Streptococcus hemolyticus	Various Infections	5,500
Bacillus subtilis	(vegetative)	11,000	Streptococcus lactic	Various Infections	8,000
Clostridium Tetani	Tetanus/Lockjaw	23,000	Vibrio cholerae	Invasive Infections	3,800
Corynebacterium diphtheria	Diphtheria	6,500	Cholera	Cholera	6,500
Escherichia coli	Coli	7,000	MOLD SPORES		
Legionella bozemanii	Pontiac Fever	3,500	Mucor ramossissimus	Sinuses, Brain, Eyes, Lungs, & Skin Infections	35,200
Legionella dumoffii	Pontiac/Legionnaires	5,500	Penicillium expansum	Blue Mold	22,000
Legionella gormanii	Pontiac/Legionnaires	4,900	Penicillium roqueforti	Fungi	26,400
Legionella micdadei	Pontiac/Legionnaires	3,100	ALGAE		
Legionella longbeachae	Pontiac/Legionnaires	2,900	Chlorella vulgaris	Green Algae	22,000
Legionella pneumophila	Legionnaires Disease	3,800	VIRUSES		
Leptospira interrogans	Infectious Jaundice & Leptospirosis	6,000	Bacteriophage	E. Coli/Bloody Diarrhea/Hemorrhagic Colitis	6,600
Mycobacterium tuberculosis	Pulmonary Tuberculosis	10,000	Hepatitis Virus	Hepatitis	8,000
Moraxella catarrhalis	Meningitis, Endocarditis, Pneumonia, Bronchitis, Otitis Media, Sinusitis, Bacteremia	8,500	Influenza Virus	Influenza	6,600
Proteus vulgaris	Urinary Tract Infection, Bacteremia, Pneumonia and Focal Lesions	6,600	Polio virus	Polio	21,000
Pseudomonas aeruginosa	Laboratory Strain	3,900	Rota virus	Rota Virus	24,000
Pseudomonas aeruginosa	Environmental Strain, UTI, Septic Arthritis, Conjunctivitis, Endocarditis, Meningitis	10,500	Small Pox Virus	Small Pox	9,000
Rhodospirillum rubrum	Bacterium	6,200	CYST		
Salmonella enteritidis	Gastroenteritis, Enteric Fever, Osteomyelitis	7,200	Giardia Lamblia	Giardiasis	5,000-10,000
Salmonella paratyphi	Para-Typhoid Fever, Enlargement of Spleen	6,100	Cryptosporidium	Diarrheal Disease	5,000-10,000
Salmonella typhimurium	Gastroenteritis	15,200	YEAST		
Salmonella typhosa	Typhoid fever, Enteric fever, Typhus Abdominalis	6,000	Trichosporon	Bakers Yeast	8,800
Saccharomyces cerevisiae	Reproductive Problems	26,400	Brewers yeast	Brewers Yeast	6,600
Serratia marcescens	Septicaemia, Abscesses, Burn Infections, Osteomyelitis	6,200	Common yeast cake	Yeast Cake	13,200
Shigella dysenteriae	Dysentery - Enteric Infection	4,200	Saccharomyces var. ellipsoideus	Saccharomyces	13,200
Shigella flexneri	Dysentery	3,400	Saccharomyces sp	Saccharomyces	17,600