



THE ULTIMATE DEFENSE.
Disinfection systems to keep you **SAFE.**



Project supported by **CAWACH**
(Centre for Augmenting WAR with
COVID-19 Health Crisis)



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

INDRA

ABOUT VAJRA



Performance

Vajra's highly effective & efficient multi-stage disinfection process with advanced oxidation, corona discharge, and UVC light spectrum inactivates the virus, bacteria, and other microbes on N95 masks/PPE/coats, etc. with more than **99.999% efficiency (Tested by Department of Bio-sciences & Bio-engineering, IIT Bombay).**



Protection

N95 Masks/PPE/Coats etc. can safely be re-used after the disinfection cycle. We ensure 100% safety to staff, controlling the spread of COVID-19 by making the personal protective equipment available, affordable and accessible at all times. Our technology is **CSIR - NEERI approved & IP55 certified.**



Payback

With Vajra kavach, customers benefit from re-using PPE by saving costs, increasing the availability of protective equipment, and also reduced generation of COVID-19 related bio-medical waste thereby helping the environment. **Get ROI in less than a month.**

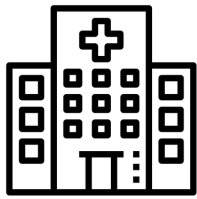
TECHNICAL SPECIFICATIONS

Volume	840 litres
Rated Voltage	230V AC
Cycle Time	5 mins
Max Rated Power	240W

Loading Capacity

Hooks - Masks etc.	25
Hangers - PPE/ Coats	6
Tray for equipment	As per loading constraints.

APPLICATIONS



Hospitals



Labs & Testing Centres



Smart Cities



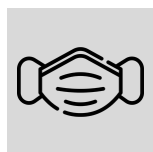
Travel



Ozone (O₃) gas has been proven to kill the **SARS CoV-2** and other viral pathogens. Ozone destroys viruses by diffusing through the protein coat into the nucleic acid core, resulting in damage of the viral RNA.



UVC-254nm causes lesions in DNA and RNA of viral pathogens like **H1N1** and **SARS CoV-2**. Brief exposure to UVC-254 damages the DNA and RNA so that they can't replicate, effectively killing or inactivating the microorganism or virus.



N95/
Face Masks



Medical
Equipment



Face Shields/
Goggles



PPE Kits



Labcoats/ Vests



Textiles & others

ENVIRONMENTAL BENEFITS

Vajra Kavach significantly reduces hazardous waste by proper disinfection and promoting reuse.

Biomedical Waste Reduction:

400–450 kg/month

KEY CLIENTS & ENGAGEMENTS

Cama & Albless Hospital

Chhatrapati Shivaji Maharaj Hospital





By **INDRA**

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