

# CGATE

PLASMA SHOWER

CORONA KILLER



# CGATE

## CORONA KILLER DISINFECTION WALK THROUGH TUNNEL

HIGHER CONCENTRATIONS OF PLASMA CLUSTER IONS BOOST VIRUS INACTIVATION AND ELIMINATION, INHIBIT OF BACTERIA, VIRUS AND PATHOGEN BY 99.9% IN TEN SECONDS AT AN ION CONCENTRATION OF APPROXIMATELY 3000,000 IONS/CM<sup>3</sup>.

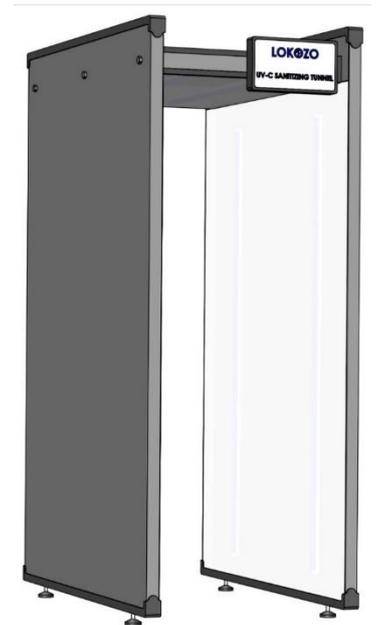
As Covid-19 spread and took dangerous dimensions, there was a need felt for a smart disinfection and sanitation tunnel that could disinfect a person fully from head to toe in a very short time span through a solution which is completely harmless.

### HOW DOES IT WORK?

CGATE machine generates Plasma SHOWER ions charged ions at approx. hundred millions per 8 second emission rate that are electro statically attracted to positively charged airborne particles and aerosol droplets and attaches to them in large numbers.

Plasma SHOWER ions generated by the CGATE form SHOWER s around micro particles such as airborne mold, corona or influenza viruses, mite allergens, bacteria, pollens, dust etc. and render them inactive through a chemical reaction by creating highly reactive OH groups called hydroxyl-radicals and H<sub>2</sub>O<sub>2</sub> which are highly reactive and known as atmospheric detergents.

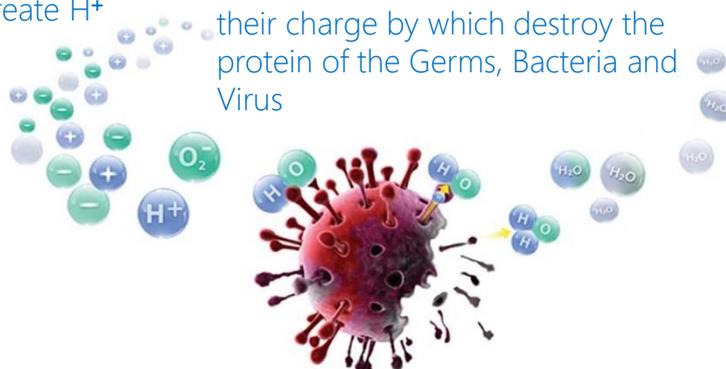
The Plasma SHOWER ions surround the hemagglutinin (surface proteins that form on organisms and trigger infections) and change into highly reactive OH groups which takes a hydrogen molecule from the hemagglutinin and change into water (H<sub>2</sub>O). The hemagglutinin molecules are destroyed so the virus become deactivated.



Step 1. Plasma Shower ions are Boosted into the air which create H<sup>+</sup> & O<sub>2</sub><sup>-</sup>

Step 2. H<sup>+</sup> & O<sub>2</sub><sup>-</sup> are stick to Germs, Bacteria & Virus (COVID-19) and Plasma cluster ions neutralize their charge by which destroy the protein of the Germs, Bacteria and Virus

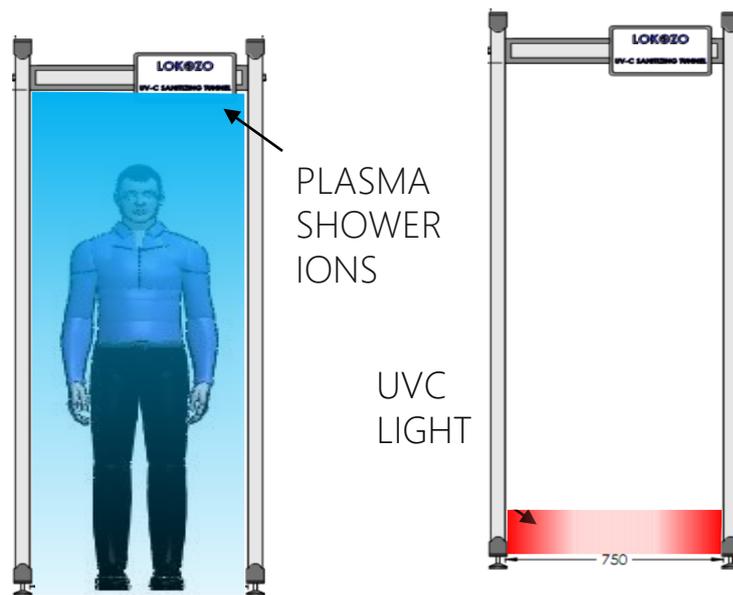
3. Plasma Shower ions Return back to air as Vapor



Germs, Bacteria & Virus

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### ADVANTAGE OF LOKOZO DISINFECTION WALK THROUGH TUNNEL

- CGATE disinfection is a physical process, not a chemical one.
- After a person leaves the CGATE and before another person enters the CGATE , the chamber is sterilized with UV radiation so that the next person is safe.
- Automatic contact less Human body Temperature measurement (Optional)
- Unlike harsh chemicals that are sometimes used in cleaning and sanitization products, CGATE is environmentally friendly.
- Sanitize Full Body By plasma SHOWER ions
- In the below link, a scientific analysis was conducted by Prof. Dr. Jhon. Oxford in the year 2019 on the ionized Air in a virology lab.
- No Chemical Spray
- No Maintenance
- No Health Hazards
- Fully Automatic
- Two Years System Warranty

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### BENEFITS

- Eco-friendly
- Designed for safety and ease of operation
- Kills microorganisms on the body or cloth surfaces when a person walkthrough the tunnel
- Does not use any chemicals
- No human intervention is required for cleaning the chamber after each person passes through.
- Easy-to-use, one button operation

### STERILIZATION PARAMETERS:

- Inbuilt Plasma Shower ionizer with blower
- Power Source 110/230 VAC, 50/60Hz
- Power ON Indicator Illuminated Switch
- Power Rating: 250W
- Operation Modes Indicated by LED
- Mode of operation: Automatic

Model	CGATE
Length	1400 mm
Width	850 mm
Entrance height	2260 mm

