

Biospray for Human Disinfection

Biospray Human Sanitizer

for disinfection of personal in poultry , food industries and hospitals and other public places

The Credence Human Automatic Sanitizing Tunnel (Biospray) which is developed for eliminating virus and other pathogens on a person's surface as he/she passes through the Chamber, using disinfecting chemicals. The objective is to sanitize people before and after they enter any protected premises. The Biospray would be useful for hospitals, research and development establishments, government offices, Police and essential service offices, shopping malls, residential complexes, religious places, clinics and all other areas.

CREDENCE
INDOMECHANICS
Intelligent Machines

Nozzle Replacements

Biospray Nozzles and mounting are designed so that they can be easily replaced by any non technical personal thereby keeping maintenance as low as possible.



Spray Nozzles

172 Microns droplet size crafted for Biospray

Other fine and corse droplet sizes can be made available



Nozzles Knobs

Simple knobs are provided for tooless adjustment of nozzles



Tower Lamp and Alarm

Whenever person enters the chamber the alarm and tower lamp beeps to ascertain human presence.

Multi Mode Operations

The Spray can be controlled by 2 modes of operation.
Auto : In which th tray trigger fires the nozzles
Manual : Green Push Button fires the nozzles
(manual mode is used for priming / flushing)



Smart Sense Technology



Automatic IR Sensor
Water proof sensor for light & spray

Reliable IP 68 Water proof sensor
for firing of nozzles
IR sensor is tested for 10 million operations and
sanitiser continues application

Multi Mode Operations

The Spray can be controlled by 2 modes of operation.
Auto : In which the sensor fires the spray nozzles
Manual : Green Push Button fires the nozzles
(manual mode is used by security personal)



Smart Controller

The Brain behind the Smart Sanitizer



Housed in a Water proof IP68 casing

Powered by Backlit LED Display for Crystal Clear viewing in ambient spaces

Total Person Count

Shift Person Count



Enables Counting of person passing thru the chamber..
Two different counters for Total Person Count and Per Shift Person Count

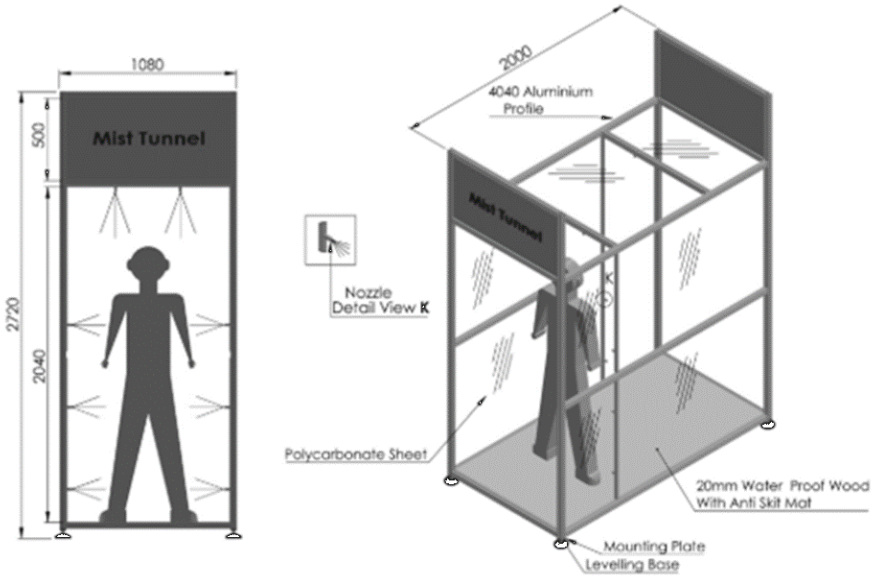


LED Flasher & Buzzer when spraying is on for alertness of operators



Biospray Manufacturing Station

Credence Biospray Human Sanitiser



How it works

Its working is simple as the simple components create a sanitization chamber which sprays a mist of disinfection on the person walking through the chamber. However, proper care should be taken to walk slowly through the chamber so that the entire body and clothes get fully covered with mist. All types of disinfectants such as diluted hypo-chlorous acid and alcohol-based disinfectants can be used. Care should be taken to use the recommended concentration of the disinfectants to avoid any skin and body reaction.

Credence Biospray Sanitiser

There was a need felt for a smart disinfection and sanitation tunnel that could disinfect a person fully from head to toe in a time span through a solution which is completely harmless.

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Equipment Features

- Fully Automatic Sensor Based Activation
- Fully Transparent
- High Performance Nozzles, Diameter : 0.3mm
- High pressure tubing P.E. Polyflex nylon
- Low Power Consumption
- Water resistance Aluminium Modular Structure
- Continuous Movement & Counting of People.
- Settable Control Panel
- Strong, sturdy walkway
- Panel box with IR sensors and timer

Check out the Biospray video @ Youtube

Technical Specifications

Capacity	- 3 persons per min.
Target	- Human Personel
Technique	- Spray Sanitation
Power Requirement	- 230 V, 50 W , Single Phase
Weight	- 50 kg.
Dimensions (LxWxH)	- 2000 x 1080 x 2040 mm (body dimentions)
Consumption	- 300 lpm.
Models	- Electric

Due to continuous product development specifications are subject to change without prior notice.

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