



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.



Intelligent Machines

## Nozzle Replacements

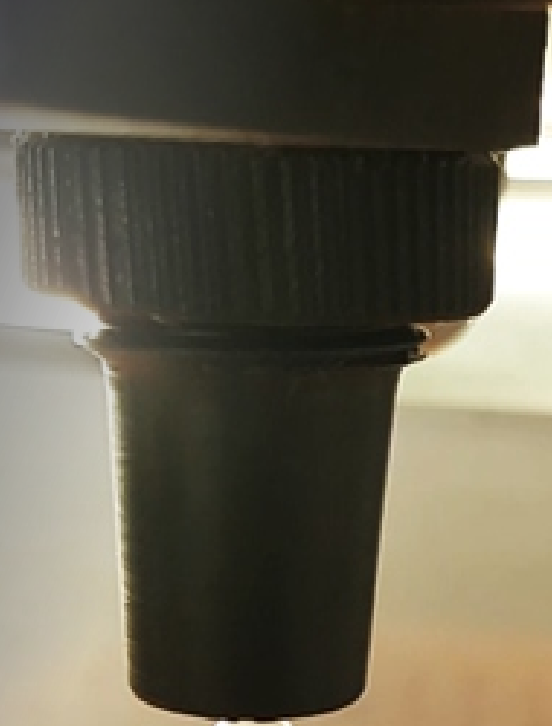
Biospray Nozzles and mounting are designed so that they can be easily replaced by any non technical personal thereby keeping maintenance as low as possible.



# Spray Nozzles

172 Microns  
droplet size  
crafted for  
Biospray

Other fine and coarse droplet sizes  
can be made available



## Nozzles Knobs

Simple knobs are provided for  
toolless 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)



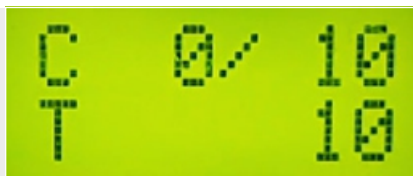
# Smart Controller

## The Brain behind the Smart Sanitizer

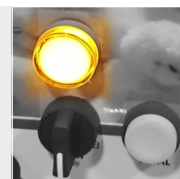
Housed in a Water proof IP68 casing  
Powered by Backlit LED Display for  
Crystal Clear viewing in ambient spaces



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

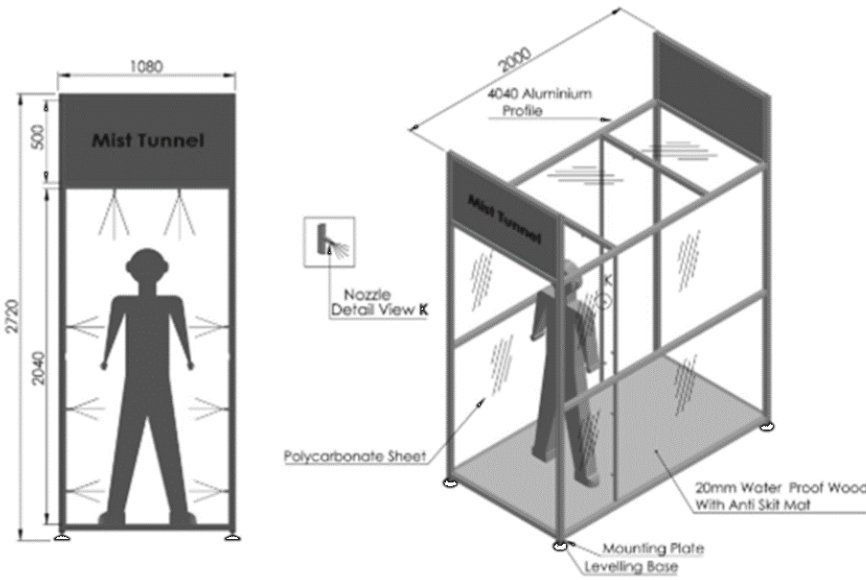


LED Flasher & Buzzer when spraying is on for alertness of operators



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.

## 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



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