

# BETTER WAY TO FIGHT

Temperature | SpO<sub>2</sub> | Sanitizer | Fumigation

**KLEANTUBE**  
**CHAMBER**



Patent applied  
Designed and Manufactured in **INDIA**

Touchless “KLEANTUBE” automatically measures body temperature in seconds. “KLEANTUBE” is invaluable solution for quick detection of illnesses and reduce the spread of bacteria & viruses, it vets staff members and the public before entry to premises such as Schools, Malls, Restaurants, factories, Railway stations, Airports and Corporate offices.

The  
**KLEANTUBE**

# PURPOSE

Early recognition and management of COVID-19

## 4 Quick Precautions

### ► Detects Fever

High Fever indicates syndromes associated with COVID-19

### ► Checks Oxygen levels (SpO2)

Oxygen level below 90% indicates syndromes associated with COVID-19

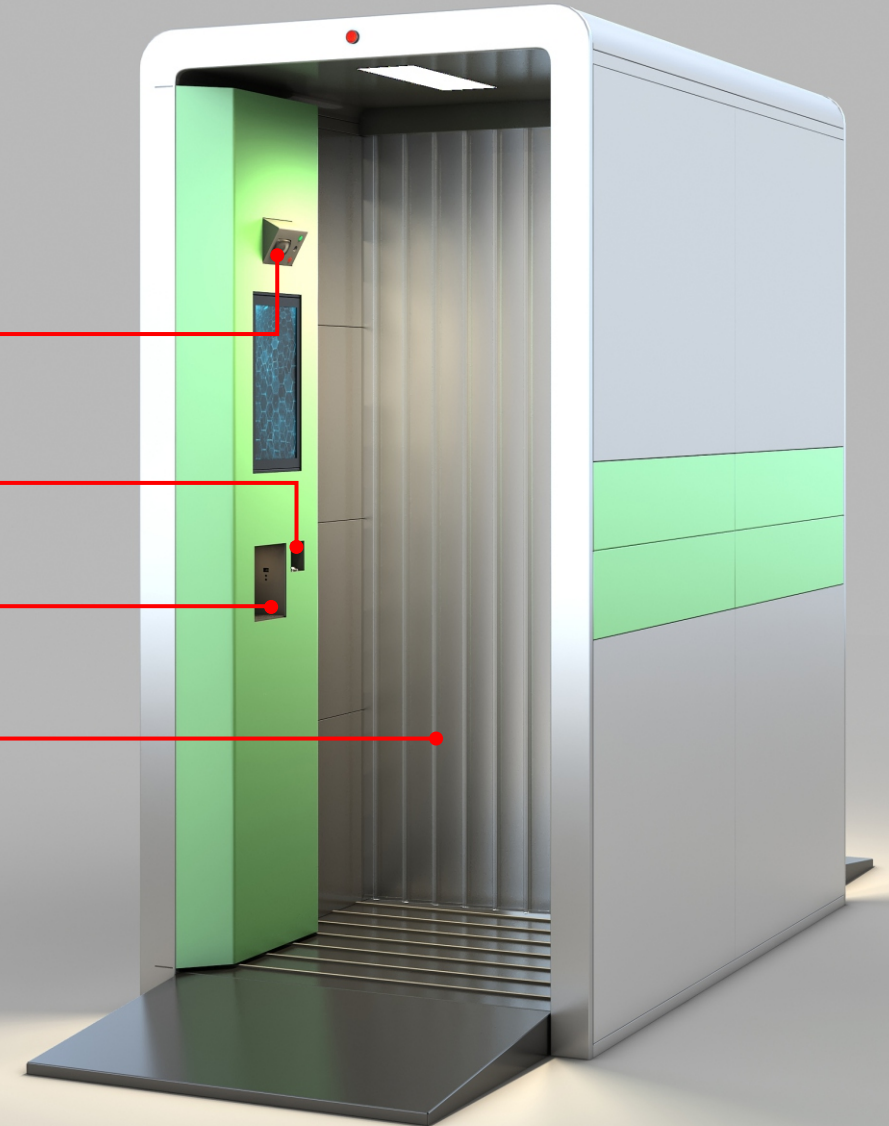
### ► Touch-less Hand Sanitizer

Decreases the risk of getting sick and spread of Virus

### ► Fumigation Chamber

Mist generation for disinfection

### ► The Solution displays and records all data at a single location



Verbal Assistance for easy operation

## Use Areas

KLEANTUBE smart solution is need of the hour, it can be installed at various public places such as Office areas, Schools, Community Buildings, Restaurants, Hotels, Malls, Hospitals, Railway Station, Airports etc., for the public safety and welfare.

## Features

- Touchless fully automated panel.
- Detects body temperature of user standing in front of device
- Temperature detection in 1 second
- Blood Oxygen & Heartbeat measurement
- Set your own acceptable temperature thresholds
- Verbal Warning / Success message plus LED traffic light system
- User-friendly Verbal Instructions
- Store temperature readings, oxygen saturation & heartbeat levels of the user.
- Built-in PC to support the application needs
- Integrated Fumigation Chamber





## Technical Parameters

- Product Dimensions in mm - 1080(W) X 1830(D) X 2200(H)
- Product Weight - approx. 300 Kgs.
- Low Power Consumption - 150 Watts
- Operating Voltage - Standard 220V, 110V available on request
- Temperature Display - Digital

Warranty against manufacturing defects : 1 year standard warranty

## Key Components

**Display** 18.5 inch

### Temperature Sensor

High Accuracy (  $\pm 0.3$  Degree Celsius )  
Detection duration: 1 second  
Body Sensing Method: Infrared based Photoelectric detection  
Detection Distance: 300mm – 500mm  
Detection Position: Forehead (no contact)  
Detection Result: Screen Display and Buzzer (above set threshold temperatures)

### Sanitizer Dispenser

Non-contact hand sensing auto liquid discharge

### PC System

Dual core Processor | 4GB Ram | 60GB Storage

### Speakers

Audio-visual Instructions  
Alarms for abnormal body parameters

### Camera

2MP  
Optional face recognition & attendance system

### Optional

Pulse Oximeter  
Blood O<sub>2</sub> Level Meter  
Heartbeat Measurement

### Software

Application Software (optional remote monitoring)  
Integration with existing ERP / Attendance system available at additional price.

### Duration

Status indication through LED Lights in Chamber

### Fumigation Chamber

Mist generator (Govt. recommended disinfectant / chemical to be used)  
Approximate chemical consumption 20-30 ltr./hour depending on flow rate



# How it works

- Stand on the marked location facing towards the monitor screen & follow verbal instructions
- Align face in the grid as displayed on the screen and ensure that Red dot points at your Forehead
  - If Green indication: Proceed to next step i.e. Pulse Oximeter
  - If Red indication with buzzer indicates abnormal body parameters: Step aside for further investigation
- Put your finger on the Pulse Oximeter & wait till Blood Oxygen-content & heartbeat is displayed on the screen
  - If Green indication: Proceed to next step i.e. Sanitize your hands
  - If Red indication with buzzer indicates abnormal body parameters: Step aside for further investigation
- Disinfect your hand in contact less hand sanitizer and proceed to next step i.e. enter fumigation chamber
- Stay in fumigation chamber for 10 seconds
  - Green LED indication means stay in chamber, Red indication means duration over and user can exit from other side of the tube
- Disinfect your hand in contact less hand sanitizer on the other side of the tunnel
- Good to Go

# Frequently Asked Questions ?

Q1. Does it measure temperature in Celsius or Fahrenheit?

Ans. Fahrenheit

Q2. Can we use this equipment in Indoor and Outdoor both sides?

Ans. Indoors only

Q3. How much time does it take to complete the procedure?

Ans. Ideally 45 seconds are required for one person to complete the entire procedure

Q4. Is it electrically operated?

Ans. Electrically operated, UPS power supply is preferred to operate the same

Q5. How accurate is the data displayed? Can this data be used for critical medical assessment?

Ans. Temperature accuracy is  $\pm 0.3$  Celsius. The data cannot be used for medico-legal purpose

Q6. Is this unit self-supported or does it require grouting?

Ans. It is self-standing unit; grouting holes are provided for additional stability

Q7. Is this unit maintenance free?

Ans. Low on maintenance; periodic maintenance manual is provided along with the product

Q8. Is it available in different finishes?

Ans. No, Standard catalogue finishes

Q9. Is it touch free?

Ans. Temperature Detection: Yes

Pulse-Oximeter: No. Auto disinfection before the finger is inserted.

Fumigation Chamber : No, Door to be manually opened

Q10. Who will do the assembly & commissioning of this product

Ans. Pre-assembled & pre-calibrated product

# KLEANTUBE 2.0



Mass Screening Chamber  
with Thermal Imaging Camera

# Contact Us

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# LET'S BREAK THE CHAIN

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Pyrotech Workspace initiative to fight the PANDEMIC