

BETTER WAY TO FIGHT

Temperature | SpO₂ | Sanitizer | UV-C **SELF**CHECK
KIOSK



Patent applied

Designed and Manufactured in **INDIA**



Current catastrophic situation made us realize the importance of hygiene for safe environment. To rejuvenate the idea of hygiene AKCMed presents a smart detoxifying unit “SELF CHECK” for fighting the global pandemic.

Touchless “SELF CHECK” automatically measures body temperature in seconds. “SELF CHECK” 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.

Kiosk features a touch-less UV-C Box to disinfect bag, cell phone and keys in less than 10 Seconds. UV-C Box kills 99% Viruses and Bacteria within 10 seconds on exposed surface

The

SelfCheck

Kiosk

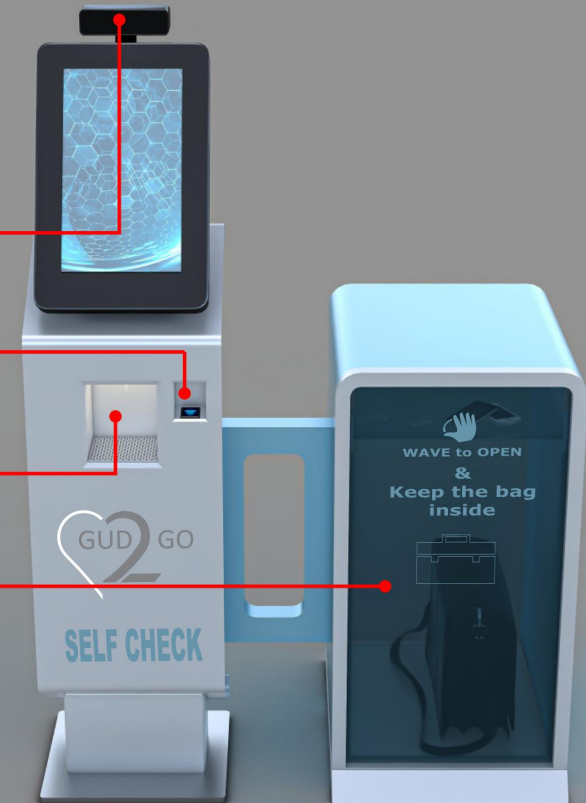
PURPOSE

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
- ▶ **Disinfection Chamber for Bag, Mobile, Keys etc. by UV-C** — UV-C kills 99% Virus in 10 seconds thus reducing the spread

- ▶ **The Solution displays and records all data at a single location**



Verbal Assistance for easy operation

Use Areas

SelfCheck Kiosk 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

- Touch-less fully automated kiosk
- 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
- UV-C Box kills 99% Virus / Bacteria
- Compact design Ultra-slim footprint
- Built-in PC to support the application needs





Technical Parameters

- Product Dimensions in mm - 1150(W) X 775(D) X 1700(H)
- Product Weight - approx. 50 Kgs.
- Low Power Consumption - 150 Watts
- Operating Voltage - Standard 220V, 110V available on request
- Temperature Display - Digital
- Size - Typical use for Laptop bags, Mobile, Lunch Box etc.

Warranty against manufacturing defects : 1 year standard warranty

Key Components

Display 18.5 inch

Temperature Sensor

High Accuracy (± 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 O₂ Level Meter
Heartbeat Measurement

Software

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

UV Disinfecting Chamber

UV-C light disinfection



How it works

- ✦ Open UV-C box door by waving hands In front of it.
- ✦ Place your luggage and cell phone at the specified location in UV-C Box
- ✦ UV-C cleaning will start & stop automatically.
- ✦ A BEEP sound at the end of process indicates bag can be removed
- ✦ Remove your luggage and cell phone from UVC Box
- ✦ 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
- ✦ 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 30 seconds are required for one person to complete the entire procedure and additional 10 seconds to disinfect luggage in UV-C Box

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 ± 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. Can the height be adjusted as per anthropometric data of the region?

Ans. Designed for normal Indian adult population. Standard height variants are available for foreign countries.

Q9. Is it available in different finishes?

Ans. No, Standard catalogue finishes.

Q10. Is it touch free?

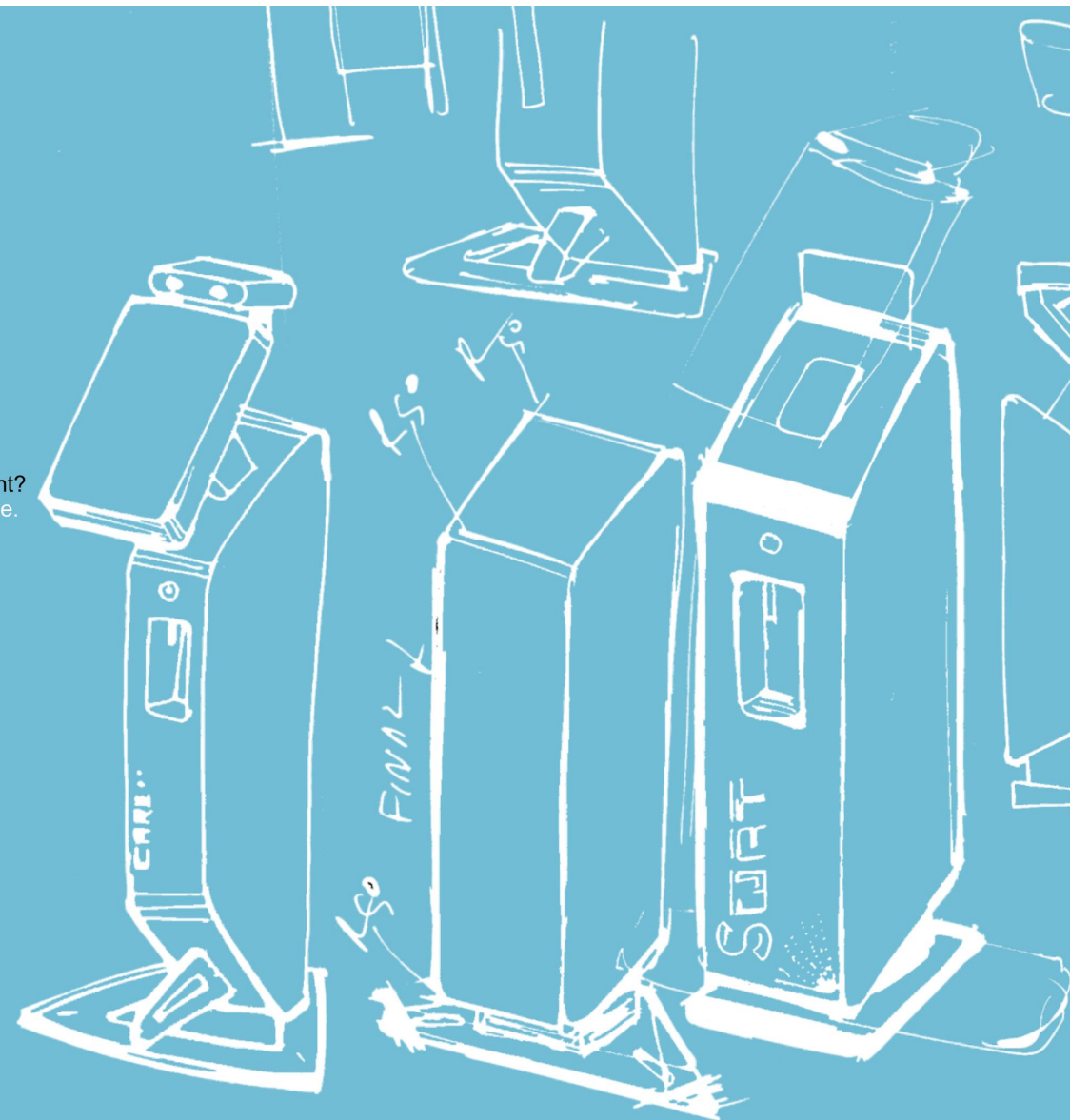
Ans. Temperature Detection: Yes

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

Luggage UV-C Cleaner: Yes

Q11. Who will do the assembly & commissioning of this product?

Ans. Pre-assembled & pre-calibrated product.



LET'S BREAK THE CHAIN