# BSD INFO TECH Pvt. Ltd.
## Business Solution Developers

# BETTER WAY TO FIGHT

## SELFCHECK KIOSK

Temperature | SpO$_2$ | Sanitizer | UV-C

GUD2GO

BREAK the CHAIN

GUD2GO

SELF CHECK

WAVE to OPEN
&
Keep the bag inside

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 "SELFCHECK" for fighting the global pandemic.

Touchless "SELFCHECK" automatically measures body temperature in seconds. "SELFCHECK" 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
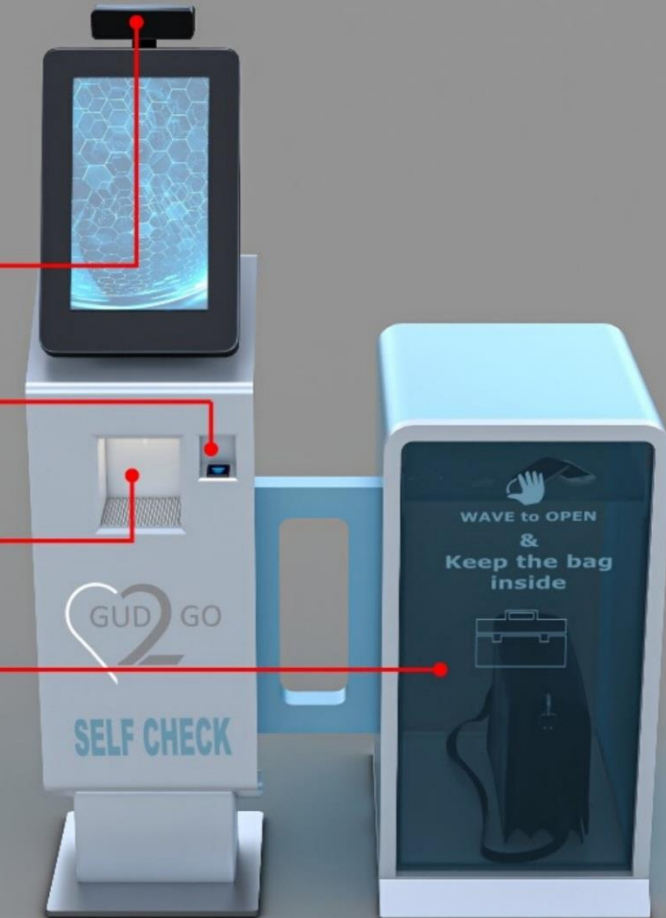
The
# SelfCheck
## Kiosk

# 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**

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Verbal Assistance for easy operation

## Use Areas


School


Airports


Hospitals


Shopping Malls


Railway Station


Corporate Offices


Police Station


Government Offices

## 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



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# tru•innovation



## 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.

- NABL Calibrated IR Temperature Sensor.
- Sanitizer Dispenser Mechanism tested for 100,000 cycles.
- IP 22 Complaint Cabinet.
- 1 Litre bottle serves 500 persons.

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 $O_2$ 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.

- 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.

- A BEEP sound at the end of process indicates bag can be removed.

- Remove your luggage and cell phone from UVC Box.

- 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.

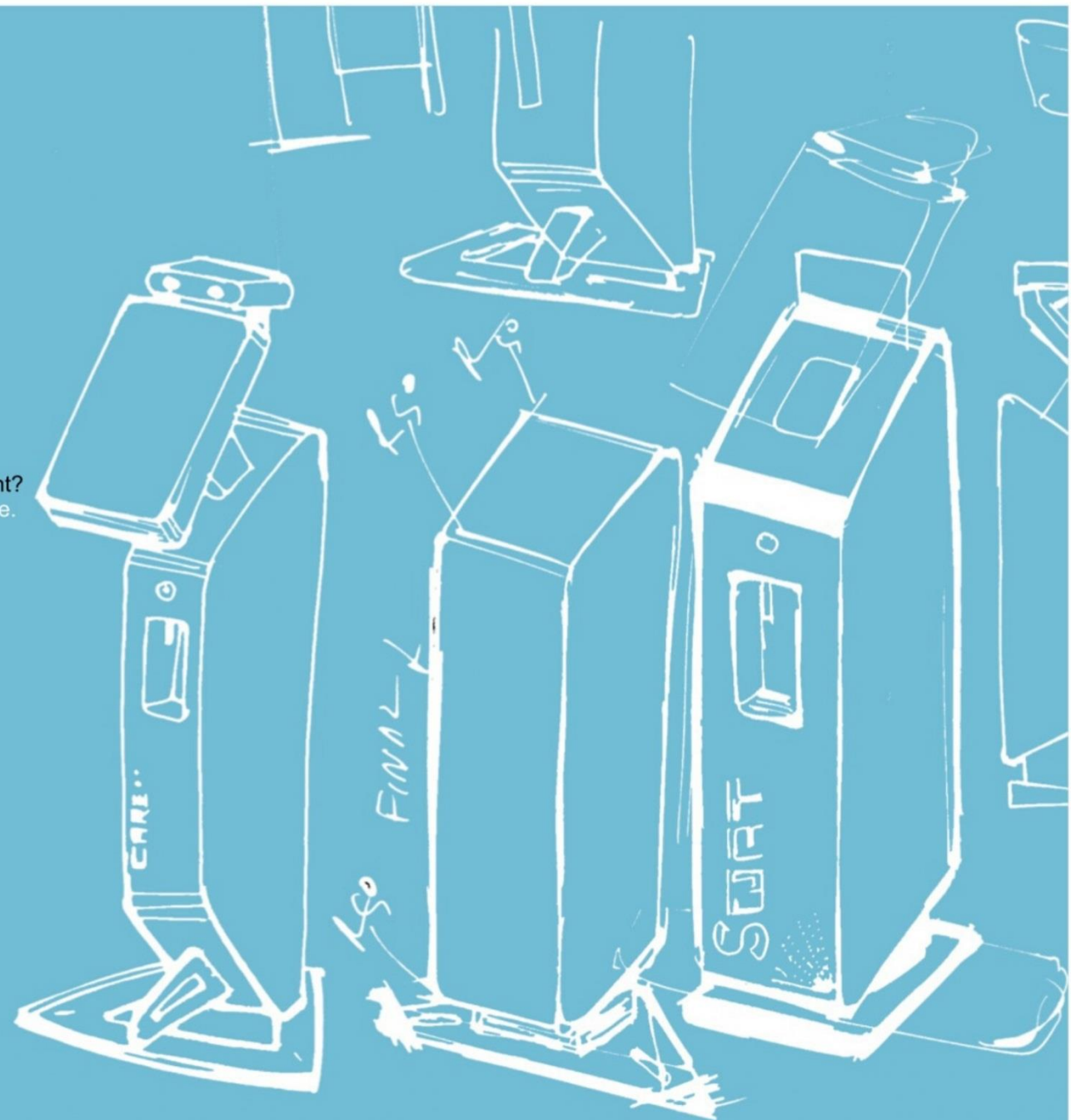**Q10. Is it touch free?**
Ans. Temperature Detection: Yes
    Pulse-Oximeter: No. Auto disinfection before the finger is inserted.
    Luggage UV-C Cleaner: Yes

**Q11. Who will do the assembly & commissioning of this product?**
Ans. Pre-assembled & pre-calibrated product.

## Contact Us

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## LET'S BREAK THE CHAIN