

TCG

TEMPERATURE CONTROL GATE

www.hs-solutions.eu

01

Description of the product



TCG | Temperature control gate

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TCG temperature control gate is one of the elements of **HS-Solutions** line of products that is designed and manufactured in Europe.



TCG is a gate, which enables touch free control of a human body temperature thanks to the **TCM** module with embedded thermal camera. It informs people with raised body temperature about recommended next steps in a safe way and it enables disinfection and distribution of personal protective equipment, such as masks and gloves.

Operating principle

Using precise thermal camera, the embedded **TCM** module takes a measurement of a human body temperature. Operating the device is intuitive. Directions displayed on the screen lead the user through the whole process.

When the **measurement** is complete, the user can disinfect their hands and take a mask and protective gloves from special containers.

Possible device integration

Thanks to the use of **TCM** module, which connects perfectly with other **HS-Solution** products such as **TCG** gate and **TCP** temperature checkpoint, it is possible to manage multiple stands simultaneously, integrating **TCM** modules with the operating module.

Find out more at: www.hs-solutions.eu

DEVICE EQUIPMENT

Temperature control module

Foot or automatic dispenser

Containers for hygienic accessories (gloves, masks)

A bin for used hygienic materials

Access to the TCM administration panel

Protection of the module against external access

Built-in alert system

Possible integration with the operating module

Instructions displayed on the screen

230V on 24V/5A power supply with a connector and wiring

Housing color: ☐ white, ☒ black

The product **does not contain** hygienic materials.

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INNOVATIVE TCG FEATURES

01

TCM temperature control module

Using precise thermal camera, TCM takes a measurement of a human body temperature.

02

Foot or automatic dispenser

The dispenser is used for safe application of disinfectants. It is a practical device that guarantees maximum hygiene during use.

03

Containers for sanitary products

Thanks to equipping the control point in containers, it is possible to quickly collect masks and gloves.

04

Built-in alert system

Sound and light signals system allows quick identification and separation of examined people.

DIMENSIONS OF THE DEVICE

Height: 1371 mm

Width: 1170 mm

Base: 265 x 335 mm

Power supply: 24V/5A

Weight: 45 kg

Package weight: 81 kg

ADDITIONAL FEATURES

Equipping the device with the **remote control** function and **monitoring** from the reception or security point with integrated intercom, using the **operating module**.

Individual TCM module configuration, including incorporation of the client's recommendations, placing the logo, graphics and adverts on the display.

Integrating the temperature control module, attached to **TCP** point, with other **HR-Solutions** products.

A baseboard for securing power cables.

USE OF THE DEVICE

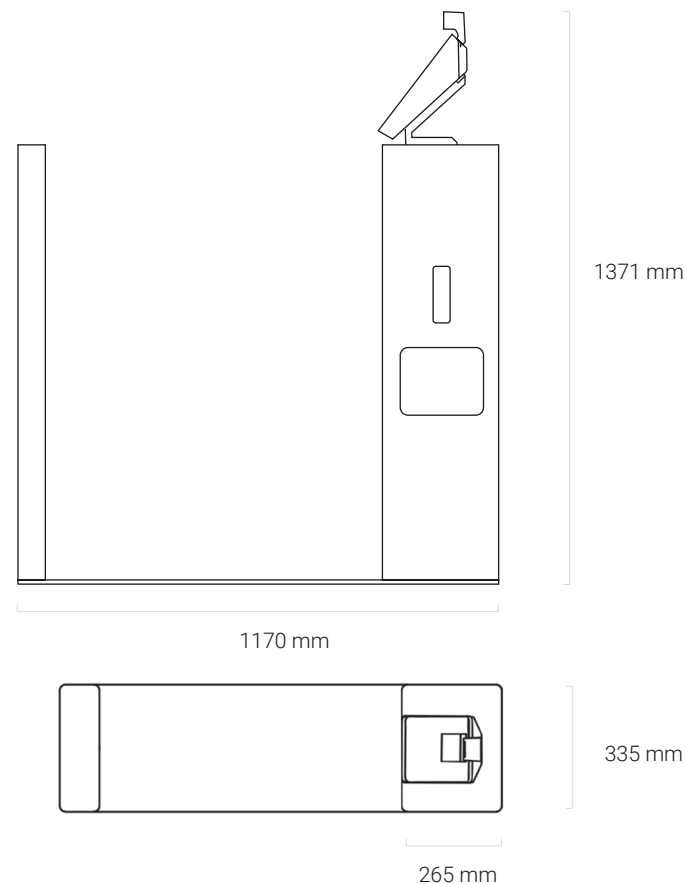
Installation in places not exposed to sunlight.

Ambient temperature of 10°C - 30°C.

For indoor use.

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USING THE DEVICE

01

Temperature control

Is done by positioning your face in parallel to the screen at the distance of approximately 25 cm to take the measurement.

02

Recommendations

You need to take off your glasses and uncover your forehead and then, following the instructions on the screen, fit your head in the contour.

03

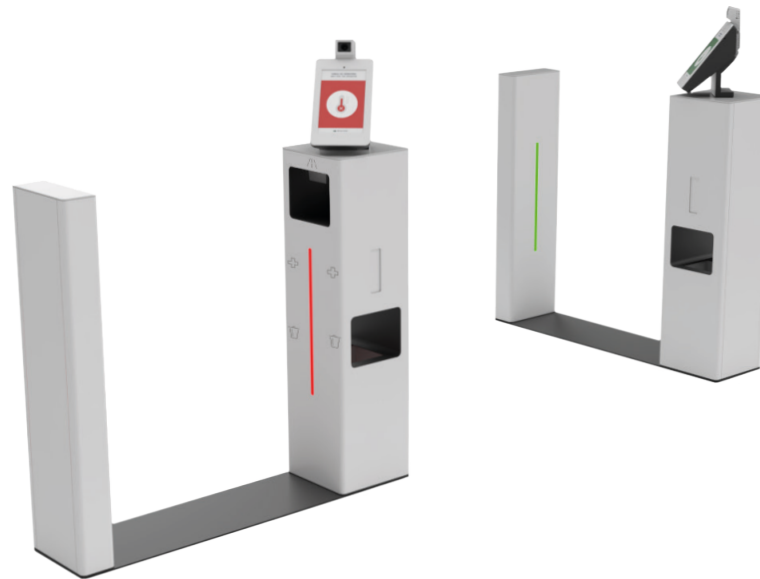
Signalling system

Information about the temperature will appear on the screen, in the operating module and in the form of sound and light signals.

04

Disinfection and collection of hygiene products

When the measurement is complete, the user can disinfect their hands and collect a mask and protective gloves from containers.



THE OPERATING MODULE

The **TCG** gate can be additionally equipped with remote control function and monitoring from the reception or **security point** with integrated intercom, using the operating module.

This solution will allow the operator to keep a safe distance from the examined person, thereby reducing the risk of cross-contamination.

SMART SOLUTION

Thanks to the use of **Smart No-Touch technology**, **TCG** enables quick and precise touch free control of human body temperature, up to **a few hundred people per hour**.

Additional integration with the operating module will allow remote management of **4 devices at the same time**, creating an integrated temperature control.



INTENDED USE

Industry, health service, schools, universities, banks, sports facilities, airports, railway stations, other public and private spaces. Only to be used inside buildings.

MAINTENANCE

Wipe the panel of the touch free temperature control system with a clean, wet cloth. Spray the TCP structure with the cleaning fluid and also wipe with a clean, wet cloth.

ADDITIONAL SERVICE

Optional USB service modem, allowing remote connection with the device manufacturer's service in order to modify the application. The user decides whether he/she wants to connect to the service on his/her own by connecting the modem to the device. The connection is established via mobile network using the private APN technology ensuring complete data security.

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