

MEDTRANS GLOBAL

**INTELLIGENT THERMOMETRY
DISINFECTION UNIT**

The Medtrans Global ITDC

The Medtrans Global ITDC is the last innovation technology cabin for disinfection to secure access into public and crowded places.

Our integrated intelligent system does not require any specific human support or personnel guidance; it is completely automated, safe and efficient.

The ITDC has several functions developed to observe and control the access to public places during pandemic outbreak. Such as distance body temperature control, remote hand disinfection and full body disinfection. The process is operated automatically through movement sensors that activate the temperature measurements and disinfection procedure once a person enters the ITDC.

Suitable locations for our machines



Universities



Schools



Libraries



Supermarket



Companies with more than 50 employees



Public buildings



Festivals



Malls

MTG-smart 01



**Face recognition display
connected to temperature
measurements and data collection.**

**Light & sound alarm when basic
temperature is surpassed**

Full body atomized disinfection

**Contactless alcohol hand-sanitizer
with liquid control spray system**

Sole disinfection floor

**Infrared temperature detection,
wrist and forehead thermometer**

**Disinfectant quantity regulation
in the disinfection cabin for liquid
efficiency and effectiveness**

**Continuous monitoring of
equipment status**

Waste liquid connection

SPECIFICATIONS

Model	MTG-smart01	Hand disinfection method	Independent area induction spray type disinfectant
Size	Temperature measuring hand-cleaning device 200*120*230* cm	Spectral range	8-14um
Voltage	AC110/230V	Body temperature collection method	Face recognition, fore-hend, wrist (non-contact)
Power	900W	Body temperature collection time	2 seconds
Ambient temperature	0-50C	Temperature Display pannel	2..3.4.digitaltube or 8inchLD
Material	Cold rolled plate	Temperature error range	0.2 degree
Disinfection method	Automatic induction injection	Body temperature range	20-50 degrees
Fog making method	Ultrasonic atomization	Rain-proof functino	Equipment housing with rain protection
Spray efficienty	Microwave induction start and delay stop, four spray ports in total	Sound	<36dB
Disinfectant type	100-400ppmChlorine dioxide dilution solution 200ppMDiluted solution of hypochlorous acid	Temperature collection distance	<1m
Alarm method	Red and green alarm indication	Spray channel length	150 cm

MTG-smart 01



TOTAL EXTERN DISINFECTION

Total external removal of bacteria, germs and viruses. The atomized disinfectant fog will kill 99,9% of external infectious corps through a 10-20 seconds process.



FACE RECOGNITION

Through real time and advanced face recognition system MTG-intel smart 01 updates the management about temperature measurement of the users.

It keeps track and gives continuous update on the course and state of users.



SOLE DISINFECTION

Shoe dust removal function through disinfection carpet. It eliminates external bodies under the soles of users before entering the building/location.



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