

Walkthrough Double-Sensor Thermal Gate (Top/Inner-side)

Model: ZA3000-1



Suitable for crowded access points such as: airports, public transport stations, hotels, prisons, schools, kindergartens, exhibitions, sorting and control points at borders, factories, public places and other types of transit spaces.

Measuring the temperature of the human body is made very easy, in real time, with no inter-human physical contact needed to perform the scan.

Non-Contact Temperature Screening:

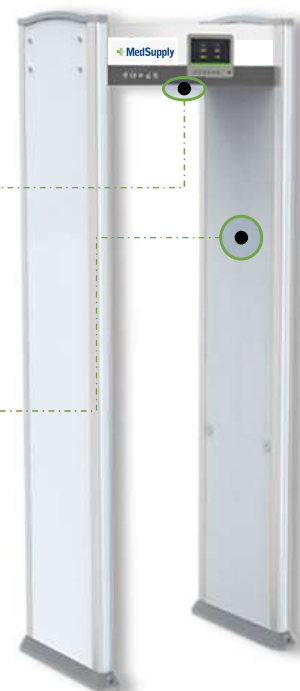
Non-contact screening of body temperature is completed in seconds ensuring fast and accurate processing limiting exposure and cross-infection of others.

Equipped with a 7-inch LCD screen, it can easily display critical information such as measured temperature, alarm temperature, alarm times, number of passers, compensation parameter, etc.

Mainframe Box
with Display

Sensor #1: High
Temperature
Sensor Zone for
Adults

Sensor #2: High
Temperature
Sensor Zone for
Adults



Melexis
INSPIRED ENGINEERING

Melexis designs, develops and delivers innovative micro-electronic solutions that enable designers to turn ideas into applications that support the best imaginable future. Our Thermal Gates are equipped with the latest MLX90621-BAB Infrared Sensor Array from Melexis, a global supplier of micro-electronic semiconductor solutions headquartered in Belgium and listed on the Euronext stock exchange.



Working Environment

-20 to 65°C / Indoor or Covered Outdoor

Alarm Signaling

Visual multi-zone display & Audio pulsed alarm

Temperature Measurement Accuracy

± 0.3-0.5 °C (at room temperature)

Temperature sensor module

MELEXIS (MLX90621-BAB) Infrared Sensor Array

Temperature Detection position / distance

Forehead or Wrist / 5-50cm

Display

7-inch operation LCD screen

Voltage

AC90V – 240V 50/60Hz

Power Consumption

< 15W (minimum)

Weight

About 65kg

Vertical Dimensions (mm)

2230mm (H)×835mm (W)×580mm (D)

Vertical Channel size (mm)

1990mm (H)×700mm (W)×500mm (D)

Walkthrough Double-Sensor Thermal Gate (Top/Outer-side)

Model: ZA3000-2



Non-Contact Temperature Screening:

Non-contact screening of body temperature is completed in seconds ensuring fast and accurate processing limiting exposure and cross-infection of others.

Equipped with a 7-inch LCD screen, it can easily display critical information such as measured temperature, alarm temperature, alarm times, number of passers, compensation parameter, etc.

Outer-side Adjustable Sensor Module

The flexible tube sensor probe is mounted on the outside frame allowing for adjustable 360-degree temperature screening of both Adults and Children of different heights.



Mainframe Box with Display

Sensor #1: High Temperature Sensor Zone for Adults

Sensor #2: High Temperature Sensor Zone **adjustable** for Adults or Children



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7-inch operation LCD screen

Voltage

AC90V – 240V 50/60Hz

Power Consumption

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Vertical Channel size (mm)

1990mm (H)×700mm (W)×500mm (D)

Walkthrough Metal Detector w/ Double-Sensor Thermal Gate (Top/Inner-side)

Model: ZA3000-3



Non-Contact Temperature Screening:

Non-contact screening of body temperature is completed in seconds ensuring fast and accurate processing limiting exposure and cross-infection of others.

Equipped with a 7-inch LCD screen, it can easily display critical information such as measured temperature, alarm temperature, alarm times, number of passers, compensation parameter, etc.

Metal Detection:

Allows high transit flow rates in high security public screening checkpoints with the minimum need for intervention by inspection personnel.

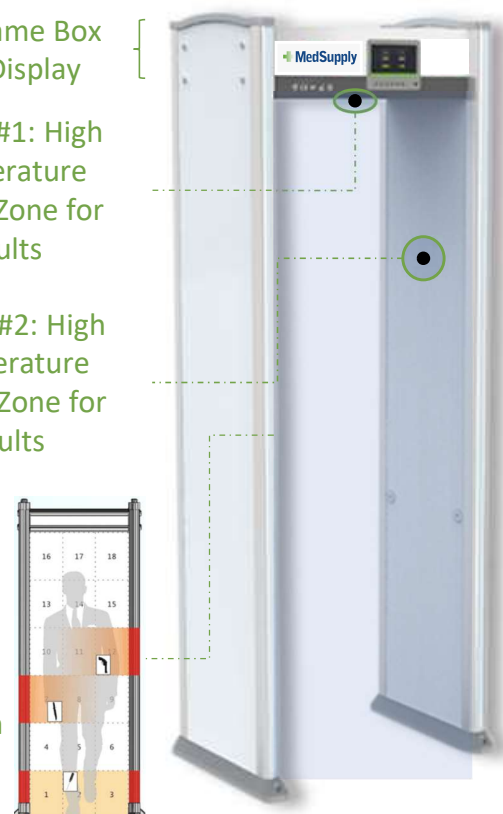
- Accurate Detection of magnetic, non-magnetic and mixed-alloy metal
- Wide range of threat detection
- High Discrimination and Throughput
- Exceptional Immunity to external interferences

Mainframe Box with Display

Sensor #1: High Temperature Sensor Zone for Adults

Sensor #2: High Temperature Sensor Zone for Adults

18 Multi-zone metal detection



| | |
|---|--|
| Metal Detection Zones | 18 zones |
| Metal Object Accuracy Range | ≥ 6g |
| Working Environment | -20 to 65°C / Indoor or Covered Outdoor |
| Alarm Signaling | Visual multi-zone display & Audio pulsed alarm |
| Temperature Measurement Accuracy | ± 0.3-0.5 °C (at room temperature) |
| Temperature sensor module | MELEXIS (MLX90621-BAB) Infrared Sensor Array |
| Temperature Detection position / distance | Forehead or Wrist / 5-50cm |
| Display | 7-inch operation LCD screen |
| Voltage | AC90V – 240V 50/60Hz |
| Power Consumption | < 15W (minimum) |
| Weight | About 65kg |
| Vertical Dimensions (mm) | 2230mm (H)×835mm (W)×580mm (D) |
| Vertical Channel size (mm) | 1990mm (H)×700mm (W)×500mm (D) |

Walkthrough Metal Detector w/ Double-Sensor Thermal Gate (Top/Gate-Front Edge)

Model: ZA3000-4



Non-Contact Temperature Screening:

Non-contact screening of body temperature is completed in seconds ensuring fast and accurate processing limiting exposure and cross-infection of others.

Equipped with a 7-inch LCD screen, it can easily display critical information such as measured temperature, alarm temperature, alarm times, number of passers, compensation parameter, etc.

Metal Detection:

Allows high transit flow rates in high security public screening checkpoints with the minimum need for intervention by inspection personnel.

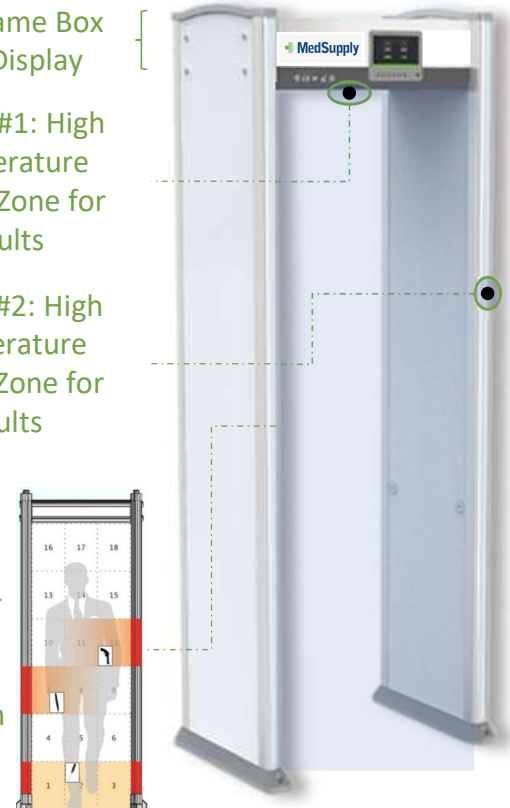
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Mainframe Box with Display

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| Temperature Detection position / distance | Forehead or Wrist / 5-50cm |
| Display | 7-inch operation LCD screen |
| Voltage | AC90V – 240V 50/60Hz |
| Power Consumption | < 15W (minimum) |
| Weight | About 65kg |
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