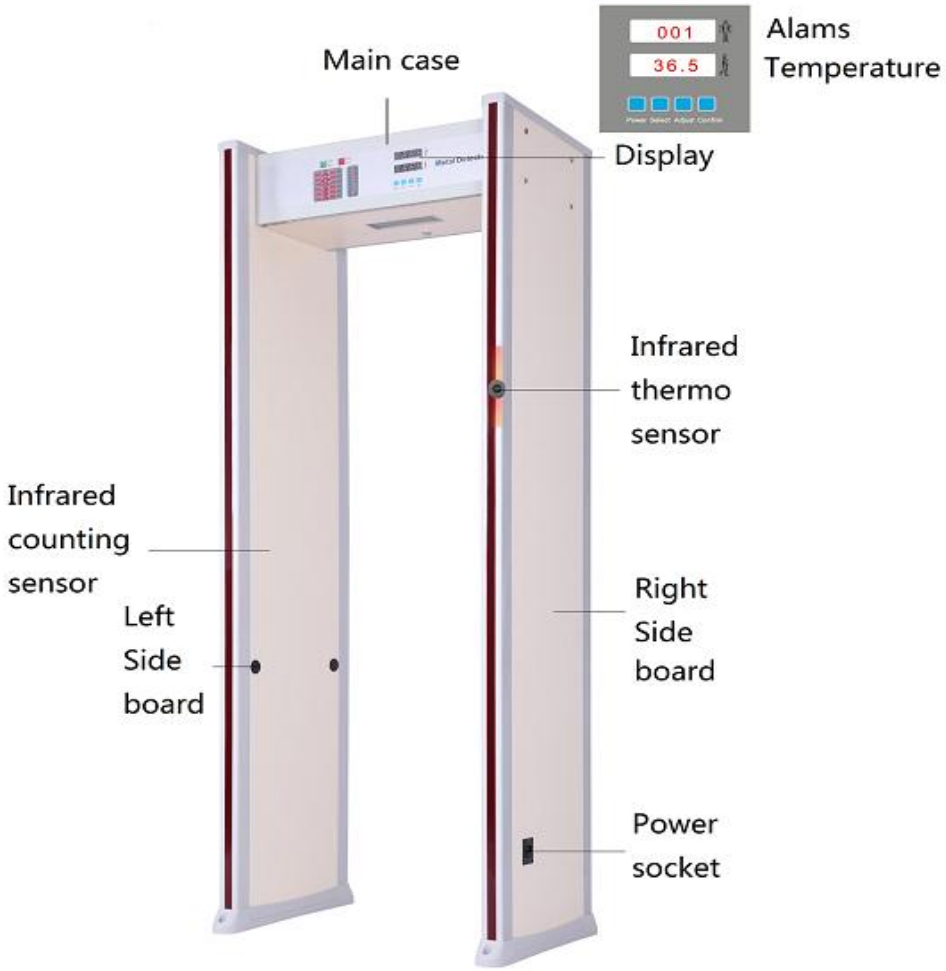
Walk Through Metal Detector
AT300DX (Temperature)



INTRODUCTION

Walk Through Metal Detector with temperature measurement combines metal detection with human body thermo detection. Before people walk through the gate, it measures the temperature of the forehead, wrist or other body surface and alarm when over the set temperature value to indicate the high body temperature for further inspection; and it detects metal when people walk through.

It can be used in schools, hospitals, shopping malls, prisons, courts, enterprises, government agencies, stations, ports, exhibition halls, conference centers, concerts and other important places. It can control the entry of people with physical fever into public places and prevent the outbreak of infectious diseases, and prevent knife, weapen, and other contraband from entering into the important public area.

PRODUCT HIGHLIGHTS

* Melexis infrared detector imported from Belgium is adopted, assured long detection distance, high precision and stable quality performance.

* Continuously measure the body temperature of people who walk through with built in high-precision micro dynamic infrared body temperature monitor.

* Complete temperature measurement within 1 second to ensure traffic efficiency.

• Use STM highly intelligent start temperature measurement program to prevent false alarm caused by high temperature and direct sunlight

• Real time human voice is trigged with the result normal, "Normal temperature", or over the set value, "Please check again".

* Stable performance, 12 localization zones metal detection for threat objects including magnetic, non-magnetic metals and mixed alloys with high sensitivity to find tiny threat, with super low detection height

* LED indicating bars showing threat locations on human body and if temperature higher than standard

* Power on self test (POST), powered by safe low valtage DC, and password and hardware key access protection

* Modular component design which is convenient for transportation, installation and maintenance.

Technical specification

Operation control	Keyboard
Screen	Digital
Measurement area	Forehead or wrist or other body surface
Messure distance	1-20cm
Measurement accuracy	≤0.5
Detection zone	12 localization zones to precisely identify multiple target locations, 6 from head to toe, 2 from left to right
Sensitivity	Can detect a clip or 1/2 cutter blade
Minimum height of detection	20mm
Alarm	- Sound and light, LED light bar on side of the door frame - Multi zones alarm when detected - 9 sounds and 8 volume levels for selection
Counter	Intelligent traffic and alarm counters that calculate traffic flow and resultant alarms.
Sensitivity Level	Adjustable from 0 to 999
Adjustable signal frequencies	7000-8999HZ Eliminate the potential effects from X-ray units, radios and other electrical interference sources.
Minimum distance between two WTMD	0.5m at high sensitivity
Low-intensity magnetic field technology	Compliant with international safety standard, and harmless to pacemakers, pregnant women, floppy disks, films, videos, etc.
Shock proof	Avoid false alarm in wind or shock
Tamper-Proof	Operation program is protected by password
Options	Battery, network with PC, turnstile, integrate camera, etc

Operating Environment	
Power supply	AC100V~240V 50/60Hz
Maximum power consumption	12W
Operation temperature/Humidity	-10° C ～ 45° C / 0% ～ 98%
Storage Temperature/Humidity	-20° C ～ 55° C / 0% ～ 98%

Physical Specification	
Unit weight (kgs)	45
Outer frame	2210mm (h) x 830mm (w) X 480mm (d)
Inner frame	1980mm (h) X 710mm (w) X 408mm (d)
after packed in carton -	
Gross weight (kgs)	50
Packing size	#1: 224*51*16cm, 39kg
	#2: 75*39*24cm, 11kg

Compliance	
International	●ISO9001 ●ISO14001 ●HSMS18001 ●CE EMC directive 2014/30/EU: EN 61000-6-3:2007+A1:2001; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 61000-6-1:2007 ●RoHS RoHS directive 2011/65/EU, EN 50581:2012 ●FCC Part 15 Class B
National (China)	●GB15210 General specification for walk-through metal detector ●Certificate from Electronic Products Quality Inspection Center of Ministry of Public Security

SAFEWAY INSPECTION SYSTEM COMPANY LIMITED
Add: Building A&E, Qifeng Digital Park, Nanwan Street, LongGang District, Shenzhen China
Tel: 0755-84656535 Email: info@chinasafeequipment.com www.chinasafeequipment.com