

SA300C Walk Through Metal Detector

**HIGH PERFORMANCE WALK THROUGH
MULTI-ZONE METAL DETECTOR**



- ◆ Accurate Detection of magnetic, non-magnetic and mixed-alloy metal weapons
- ◆ High Discrimination and Throughput
- ◆ Exceptional Immunity to environmental interferences
- ◆ Unmatched Reliability
- ◆ Rapid Installation
- ◆ Visualized single zone sensitivity adjustment
- ◆ Real multi-zone alarming (Big and small metal can be find at same time)
- ◆ 5 security level presets
- ◆ 30 locations quick settings
- ◆ 100 working frequency bands option

SA300C

Multi-zone Walk Through Metal Detector

Accurate Detection



VERY HIGH SENSITIVITY

- Capable of detecting a wide range of threat objects composed of magnetic, non-magnetic metals and mixed alloys
- Quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar

■ SA300C is a high performance walk-through Multi-Zone Metal Detector which meets all International Security Standards. A "height on person" display actually indicates, by means of illuminated LED's, the position of the weapon on the person.

- SA300C allows a level of discrimination between significant metal masses, such as the weapons which are to be detected, and personal metal effects
- High-sensitivity detection: Unique flying object detection function, accurate alarm of thrown metal objects pass through metal detector door

Breakthrough Value



UNMATCHED RELIABILITY

- Superior SECURINA reliability slashes total cost of ownership

The overall system is characterized by sturdy, reliable electronic and mechanical construction, and ease of installation.

- No periodic re-calibration and preventive maintenance required (Accurate Detection)
- Built-in self-diagnostic program, power-on self-check, modular structure, multi-language program selection, system automatic wake-up
- DSP highly integrated digital processing technology, more stable performance, more convenient for after-sales service
- Up to 300 levels of sensitivity calibration
- 7inch LCD display, self-diagnosis fault and display
- Stable performance, 8/16/24 zones can be switched by software. (33/45 zones accept customization)



MAINTENANCE FREE



Central Control Unit



Power Supply Adapter

SA300C

MULTI-ZONE WALKTHROUGH METAL

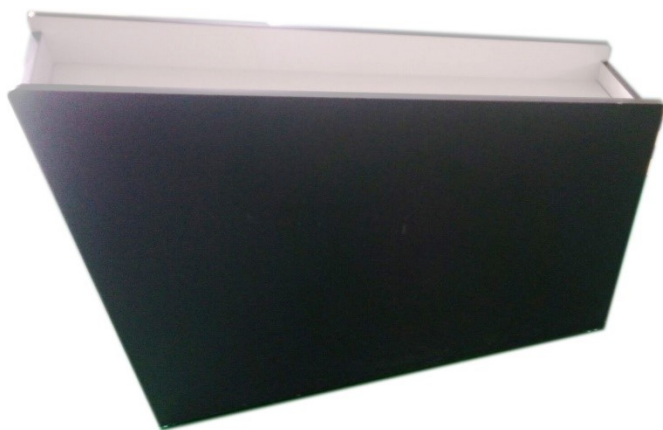
Specifications:

Key Features	Accurate Detection of magnetic, non-magnetic and mixed-alloy metal weapons
	Wide range of threat detection from guns to ½ cutter blade
	High Sensitivity and Throughput
	Exceptional Immunity to external interferences
	High precision bidirectional counter
	Powered by safe low voltage DC
	Standard Interfaces: Infrared
	Other available interfaces: Ethernet, USB(Optional)
Quality	Continuous self-diagnostic system
	Proven reliability
	No periodic re-calibration and preventive maintenance required
	No scheduled maintenance
	Fully digital design
CENTRAL CONTROL UNIT	Ergonomic and robust design
	High visibility LCD display and programming keyboard
	Made of advanced plastics or stainless steel
	Access to the front panel protected by hardware key and three levels of passwords
ALARM SIGNALLING	VISUAL SIGNALS:
	Multi-zone display bar for “height on person” localization
	2 LED light bars on front door panels
	Green metering signals proportional to the mass of the detected target
	AUDIO SIGNALS:
	16 selectable continuous and pulsed tones
20 selectable sound intensities ranging from 0 to 87 dbA at 1m	
TYPE OF SIGNALLING	VISUAL ZONE INDICATION:
	1, 8,16 or 24 zones selectable (33/45zone accept customization)

PROGRAMMING	Remote via RJ45, Infrared Remote Control Unit or Ethernet 10/100 base T interface,
	USB port(optional)
	SECURITY LEVEL International Standard (IS) command
	Local by Control Unit LCD display and keyboard
	Programming access protected by user and super-user passwords
OPERATIONAL FEATURES	Quick reset time as short as 0.2 seconds for high throughput rate
	Very high detection speed (up to 15 m/sec.)
Environmental Data	Power Supply: AC100V~240V 50/60Hz
	Power Consumption: 15W
	Operating temperature: -20°C~+55°C
	Storage temperature: -20°C to +60°C
	Relative humidity: 20 to 95% (without condensation)
Size & Weight	Net Weight: 70kgs
	Gross Weight: 90kg
	Outer frame: 2230mm (h) x 820mm (w) X 500mm (d)
	Inner frame: 2000mm (h) X 700mm (w) X 500mm (d)
	Packing in two boxes for each unit
Intelligent Program	Self-diagnostic procedures
	Automatically adapt to the working environment
	Auto-scan environmental interference at site
	Shock proof to avoid false alarm
	Intelligent traffic and alarm counters that calculate traffic flow and resultant alarms.
	Tamper-Proof: operate program is protected by password.
Power supply backup (Option)	Embedded battery back-up: 4/8/10 hours in optional
Sensitivity Level	Sensitivity adjustable from Level 0 to 300
	High: Can detect a coin
	Low: Detect big metal articles such as: knife, gun, and copper, aluminums, zinc (more than 150g), ignoring metal in belt button, shoes
Mix distance between two Walk-thru	0.3 meters at low sensitivity, 0.5meters at high sensitivity

Adjustable operating frequencies	Eliminate the potential effects from X-ray units, radios and other electrical interference sources
Certification and Compliance	Compliant with the applicable Standards for Walk-Through Metal Detectors
	Compliant with the applicable electromagnetic Standards on Human Exposure and Pacemaker Safety
	Compliant with applicable International Standards for electrical safety and EMC
	Harmless to magnetic media (CD, tapes, etc.)
Warranty	2 Years Warranty and 10 Years Parts Supply Availability as per our “General Conditions of sales, Delivery & Warranty”
Comprehensive support	SECURINA PROVIDES FULL OPERATIONAL AND TECHNICAL TRAINING SUPPORT BY CERTIFIED PERSONNEL EITHER AT SECURINA FACILITY OR AT CUSTOMER PREMISES
	• phone technical support
	• in-house and on-site repair/services
	• standard and custom training

Optional accessories:



Metal Detector Divesting Table:

For management of personal metal belongings
Standard size: 1000(L)*236(W)*800(H)mm



Metal Detector Feet Wheels:

For easy moving without disassembly
Different model has different matched type