

TECHNICAL SPECIFICATION OF WALK-THROUGH METAL DETECTOR BRAND: POLIMEK, MODEL: SG300A

Ser	Description	Technical Specifications
(a)	(b)	(d)
1.	Nomenclature	Archway (Walk-Through Metal Detector)
2.	Brand	POLIMEK
3.	Model	Model: SG 300A
4.	Country of Origin	Turkey
5.	Country of manufacturer	Turkey
6.	Country of assembly	Turkey
7.	Performance & General description	<p>Stable performance and high sensitivity to find even tiny threats</p> <p>Keyboard and remote control (both).</p> <p>4 LED lights (front and back)</p> <p>LCD display</p> <p>DSP technology and automatic calibration.</p> <p>Weather-proof design with Aluminum Case</p> <p>Single 11-33 Independent Zones.</p> <p>MBSU backup battery (optional)</p>
8.	Characteristic	
	a. Operation way and others	<p>Keyboard and remote control (both).</p> <p>LCD friendly operation interface for user.</p> <p>Four LED light bars on both door panels: give an alarm, corresponding to the height of the human body</p> <p>11-33 Pinpoint zones to precisely identify multiple target locations from head to toe</p> <p>Sensitivity adjustable from level 0 to 300</p>
9.	b. Sensitivity High	Can detect a clip.
	c. Sensitivity Low	Detect big metal articles such as knives, guns, and copper, aluminum, and zinc(more than 100g), ignoring metal in belt buttons, and shoes.
	d. Miscellaneous	<p>Self-diagnostic procedures</p> <p>Shockproof to avoid false alarm</p> <p>Sound and light alarm</p> <p>Intelligent traffic and alarm counters that calculate traffic flow and resultant alarms.</p> <p>Harmless to pregnant women and heart pacemakers</p> <p>Connect with computer, camera, turnstile, Auto scan environmental interference at site</p>
	e. Tamper-Proof	The operating program is protected by a password.
	f. Adjustable operating frequencies	Eliminate the potential effects from X-ray units, radios, and other electrical interference sources.
	g. Maximum distance between two walk-throughs	<p>1) 0.3-0.4 meters at low sensitivity</p> <p>(2) 0.5-0.6 meters at high sensitivity</p>
	h. Inner Size	Minimum 71 cm width (Less false alarm for big-body passengers).

10.	Detect zone	11-33 zones Optional.
11.	Number Counting Ability	Available.
12.	Both Side Screen Display Facility	both side displays show international signs like"STOP", "GO" etc., or show a light alarm
13.	Construction Material	Composite Material
14.	<u>Power Requirement</u>	
	a. AC Power	100-240V AC ,50/60 Hz, standard power source
	b. Power	30W
	c. Optional battery pack	12h backup battery
15.	<u>Physical Parameter (Dimension)</u>	
	a. <u>Outer Frame</u>	
	1. Height (mm)	2200 MM
	2. Width (mm)	850 MM
	3. Depth (mm)	580 MM
	b. Inner Frame	
	1. Height (mm)	2000 MM
	2. Width (mm)	710 MM
	3. Depth (mm)	500 MM
	c. Weight	
	1. Gross Weight	65 KG
	2. Complete set	75KG
16.	Environment Condition	
	a. Operational Temperature	From-20°C to+55°C
	b. Storage Temperature	From-20°C to+60°C
	c. Humidity	Minimum 95%(non-condensing) at operating temperature
	d. Waterproof	Waterproof IP 65 Standard
17.	Color	Black /Silver Color
18.	Warranty	01(One) year from issuance of I/Note
19.	Standards & Certificates	ISO9001, ISO14001, HSMS18001, CE. Certificate