

Walkthrough and Handheld Metal Detection

Product Specification

Handhelds

- Dimensions (SuperWand): (mm)
483 (L) 83 (W) 32 (H)
Weight 527 g
- Dimensions (Super Scanner V): (mm)
420 (L) 83 (W) 41 (H)
Weight 500 g

Indicators

- Audible Speakers
- LED Alert Lights
Green: Power On
Amber: Battery Low
Red: Alarm Condition
- Silent/Vibrate (TRSW only)

Controls

- Power Switch (SuperWand)
3-way switch (On, Off, Silent)
Interference Elimination Switch
- Power Switch (Super Scanner V)
(Selectable Vibrating Alarm)
Interference Elimination Switch

Operating Temperatures

- -35° F (-37° C) to 158° F (70° C)

Humidity

- To 95% non-condensing

Audio Frequency

- 2 kHz Warble (Super Scanner V)

Tuning

- Automatic (Super Scanner V)

Battery

- Super Wand - 9V battery
No tools required to change battery
Optional rechargeable battery kit
- Super Scanner V - 9V battery
No tools required to change battery
Optional rechargeable battery kit

Product Specification

PD6500i

Passageway Interior Size

- Dimensions: (mm)
584 (L) 762 (W) 2032 (H)

Overall Exterior Size

- Dimensions: (mm)
584 (L) 889 (W) 2210 (H)

Operating Temperatures

- -4° F (-20° C) to +149° F (70° C)

Multi-Zone

Passageway Interior Size

- Dimensions: (mm)
584 (L) 762 (W) 2032 (H)

Overall Exterior Size

- Dimensions: (mm)
584 (L) 889 (W) 2210 (H)

Operating Temperatures

- -4° F (-20° C) to +140° F (60° C)

Power - Fully automatic 100 to 240 VAC, 50 or 60 Hertz, 45 watts;
no rewiring, switching or adjustments required

Weatherproofing / Foreign Object Protection Standards - Meets IP55, IP65, IEC529 standard for moisture, foreign matter protection

Target Pinpointing Lights - Thirty-three (33) distinct zones are displayed with two (2) independent columns of LEDs located on exit side

Optimum Performance - More than 20 standard program settings scientifically engineered to address the needs of airports, courthouses, prisons, schools, facilities, special events, mass transit, loss prevention and other applications

Multi-Brand Compatibility - Can be added to existing checkpoints without having to replace other brand units. Includes multiple channels and 2,300 selectable operating frequencies

Interference Suppression - Advanced analogue and digital filtering - as well as adjustable operating frequencies - eliminate the potential effects from x-ray units, radios and other electrical interference sources

Directional Counter - Four settings for counting patrons: forward only, reverse only, subtract in reverse, and bidirectional

Random Alarm Feature - Provides ability to randomly alarm on a selected percentage of non-alarming persons; adjustable from 0 to 50 percent

Alarms - Audible tone and volume adjustable. Bright LED visual alarm

Pacing Lights - International symbols located at entrance

Shipping Size

- Dimensions: (mm)
159 (L) 902 (W) 2324 (H)

Weight

- Unit weight: 64 kg
Shipping weight: 74 kg

Humidity

- To 95% non-condensing

Shipping Size

- Dimensions: (mm)
159 (L) 902 (W) 2324 (H)

Weight

- Unit weight: 64kg
Shipping weight: 68.5 kg

Humidity

- To 95% non-condensing



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Threat from suspect devices is not exclusive to any one sector, consequently over many years Todd Research has built an enviable reputation partnering with organisations as diverse as Government, Embassies, Global Banking, Pharmaceutical, Oil & Gas, Legal, Media, Facilities Management, Retail and many more. Call Todd Research to understand how we can help protect you, your personnel and assets.

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Pinpoint the threat with the Super Wand® 360°, the Super Scanner® V Hand-Held Metal Detectors and the Walk Through Archways, for superior target detection of weapons and other metal objects with extreme accuracy.

PRODUCT INFORMATION

The SuperWand 360° and Super Scanner V detection field provides uniform sensitivity and tip pinpointing to detect weapons and other metal objects with extreme accuracy. From airports to sporting events, these lightweight devices are the hand-held of choice for today’s security screener.

Originally designed for use at the Olympic Games in 1984, Garrett’s Super Scanner is the most recognized hand-held metal detector in the world. Super Scanner V has both audible and silent vibrating alarm options and extended battery life.

The PD6500i Walk Through Archway utilizes Garrett’s exclusive digital signal processor (DSP)-based technology to provide superior target detection coverage on the left, centre and right side of the body from head to toe. Unique 33-zone pinpoint detection assures the ultimate in safety throughout and reliability with preset programs to cover the most complete range of security applications. Multi-dimensional coil design detects guns, knives and other flat and rod-shaped weapons regardless of archway location. Zone adjustment enables maximum detection regardless of environmental challenges.

Garrett’s Multi Zone walkthrough metal detector provides enhanced performance and special program selections engineered to meet the varying security requirements of schools, special events, government buildings, mass transit, entertainment venues, loss prevention, zoos, and more. This budget-friendly detector includes a bright LED display and a zone light array on each side that is visible in the brightest sunlight.

Features and Benefits	
SuperWand Features	Description
Optimum sensitivity	Detects ferrous, non-ferrous and stainless steel weapons, contraband and other metal objects
Elongated Profile	Provides 8.75” scan area, 360° detection coverage, plus tip pinpointing for easy scanning from head to foot
Easy & convenient use	With one-touch button and three-color LED lights. Green LED light indicates ON; Amber LED indicates LOW BATTERY; Red LED indicates ALARM
Super Scanner V Features	Description
Ultimate sensitivity	Detects medium sized pistol from 9” distance, large knife from 6”, razor blades from 3”, box cutters from 5”, foil-wrapped drugs and tiny jewellery from 1”.
Large 8” scan surface	For quick, thorough scanning
Momentary push button	Helps temporarily eliminate detection of nearby ambient metal

Features and Benefits	
Multi Zone Features	Description
Optimum Performance	More than 15 application programs engineered to address the needs of schools, special events, courthouses, facilities, mass transit, zoos, loss prevention, and many other applications.
20-Zone precision	Twenty zones provide precise location of one or more objects simultaneously
Directional Counter	Forward, reverse, subtract in reverse, bidirectional
Advanced Synchronization	Advanced circuitry allows multiple detectors to be installed as close as 2 inches from each other
Enhanced Access Control	Tamper-free detector controls via a 5 digit alpha/numeric system that has 60 million code combos.
Bright LED Indicators	Eye level green and red status lights, and zone indicators are highly visible, even in direct sunlight, on both panels.
PD6500i Features	Description
33 pinpoint zones	Precisely identify multiple target locations from head to toe on the left, centre and right sides of the body
21 standard programs	For security application versatility.
Dual detection	With transmitters and receivers in each panel, the PD6500i is the equivalent of two detectors in one. By scanning from both sides, the PD6500i provides superior detection, uniformity and performance
Advanced broadband detection technology	Provides superior target analysis, ferrous and non-ferrous weapons detection, discrimination and higher throughput
Directional Counter	With four settings for counting (forward, reverse, subtract in reverse and bi-directional)
Superior versatility	Selectable settings designed for airports, courthouses, prisons, schools, facilities, special events, mass transit, loss prevention and many other applications
Networking ability	CMA provides networking, remote control, monitoring, data analysis and group management
Weatherproofing	Meets IP55, IP65, IEC529 standards for moisture, foreign matter protection
Pacing lights	At the entrance display universal “wait” and “proceed” symbols for traffic control
International security standards	The PD6500i meets international airport standards such as TSA, ECAC, STAC, AENA, CJIAC & DFT.

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