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- Dimensions (TRSW): (mm) 483 (L) 83 (W) 32 (H) Weight 527 g
- Dimensions (TRSSV): (mm) 420 (L) 83 (W) 41.3 (H) Weight 500 g

Indicators

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

Controls

- 3 Way Switch (TRSW)
On (speaker/LED Light) Off
On (Vibrating/LED Light)
- Power Switch (TRSSV) Audible/Off/Silent
- Interference Elimination Momentary Switch (TRSSV)

Operating Temperatures

- -35° F (-37° C) to 158° F (70° C)

Humidity

- To 95% non-condensing

Audio Frequency

- 2 kHz Warble

Operating Frequency

- 95 kHz (TRSW)

Tuning

- Automatic

Battery

- Single 9 volt battery provides up to 80 hours (TRSW)/100 hours (TRSSV) of normal operation. Optional NiMH rechargeable battery provides up to 20 hours (TRSW)/45 hours (TRSSV) on a single charge

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 (75° 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 IP 55, IP 65, IEC 529 Standard for moisture, foreign matter protection

Zone indications - Thirty three (33) independent zones

Programs - Over twenty (20) application programs included

Sensitivity - Up to 200 distinct sensitivity levels

Overhead Control Unit - All electronics-LCD, alarm light, LED bar graph, control touch pads-integrated to eliminate wire exposure.

Self Diagnostic Program - Complete and automatic

Calibration - Automatic and manual calibration

Initialisation Time - 1 second

Zone Sensitivity Boost - Adjustable in six areas

Maximum Pass-through Speed - 15m/sec

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

Regulatory Information - Meets international airport standards such as TSA, ECAC, STAC, AENA, CJAC, DFT. Meets additional standards and requirements such as USMS, NIJ-0601.02, NILECJ. Meets Electrical Safety and Compatibility requirements for CE, FCC, CSA, IEC, ICNIRP, IEEE.

Construction - Attractive scratch and mar-resistant laminate. Detection heads and support: heavy duty aluminum. Immunity to electrical interference, ambient noise and mechanical vibrations.

Control Outputs - Solid state switches (low voltage AC or DC) for operating external alarms and control devices.

Alarm Indicators/Random Alarm Feature - 33 zones, volume-adjustable audible tone, bright LED visual and remote alarms. Random alarm feature: adjustable from 0 to 50 percent. Alarm proportional with the mass of the detected object. 90 db alarm at a 1m distance.

Warranty - 24 months, limited parts and labour

Shipping Size

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

Weight

- Unit weight: 64 kg
Shipping weight: 74 kg

Humidity

- To 95% non-condensing

TRSW/TRSSV/PD6500i

hand-held and walk through metal detection



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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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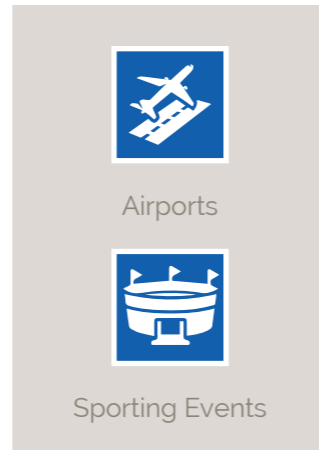
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Pinpoint the threat with the TRSW Super Wand® 360° and TRSSV Super Scanner® V Hand-Held Metal Detectors and the 33-Zone PD6500i Walk Through Archway, for superior target detection of weapons and other metal objects with extreme accuracy.



PRODUCT INFORMATION

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

The TRSSV Super Scanner V has both audible and silent vibrating alarm options and extended battery life. 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, including the new Transportation Security Administration's (TSA) Enhanced Metal Detector System required for all U.S. airports. 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. Easy-to view eye-level pacing lights with international "wait" and "proceed" symbols on the entrance side of each panel. Easy operation with backlit LCD and LED bar graphs for continuous online operating status and self-diagnostic reporting.

Features and Benefits

| TRSW 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 |
| Rugged injection moulded construction | Including structurally isolated coil for added impact absorption. Exceeds Mil-Std-810F (drop test) Method 516.5, procedures II and IV |
| Ergonomically designed grip | Fits comfortably in virtually any size hand |
| Easy ON/OFF battery cover | Standard 9V battery included. Optional rechargeable battery kit available |
| Power switch and LEDs | Positioned for easy access and high visibility |

Features and Benefits

| TRSSV Features | Description |
|-------------------------------------|--|
| Ultimate sensitivity | Detects medium sized pistol from 9" distance; large knife from 6"; razor blades and box cutters from 3" distance; foil-wrapped drugs and tiny jewellery from 1". |
| Rugged, high impact ABS case | With reinforced coil compartment. Exceeds Mil-Std-810F (drop test) Method 516.5, procedures II and IV |
| Large 3" scan surface | For quick, thorough scanning |
| No tools required | To change standard 9V battery (included). Optional rechargeable battery kit available |
| Momentary push button | Helps temporarily eliminate detection of nearby ambient metal such as rebar, metal walls |
| Three colour LED indication | Green LED indicates ON; Amber LED indicates LOW BATTERY; Red LED indicates ALARM |

| TRSW & TRSSV Features | Description |
|---|--|
| Self Calibrating | Digital microprocessor technology eliminates the need for periodic sensitivity adjustments |
| Sharp audible alarm and bright red LED | Indicates the detection of metal |

| 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 |
| Meets IP55 standards | For moisture and foreign matter protection |
| Pacing lights | At the entrance display universal "wait" and "proceed" symbols for traffic control |
| International security standards | The PD6500i meets world's highest standards – TSA, ECAC, STAC, Aena, CJIAC & DFT |