Standard 30" clearance versions:

	US / INTERNATIONAL
Gray	PN 1168414 / 1168424
Beige	PN 1168411 / 1168421

PD 6500i Enhanced Pinpoint Walk-Through Metal Detector

The *PD 6500i* leads the industry with superior pinpoint technology and unmatched discrimination features. Designed for maximum throughput without compromising security, the *PD 6500i* is the walk-through of choice for security professionals worldwide.

Features

- **33 pinpoint zones** to precisely identify multiple target locations from head to toe on the left, center and right sides of the body.

- **22 standard programs** for security application versatility.

- **International security standards**—The *PD 6500i* meets the world's highest test certifications, including the following international airports:

TSA (U.S. airports)	ECAC (European airports)	dgac STAC (French airports)	Aena (Spanish airports)	CJIAC (Japanese airports)	Department for Transport DfT (U.K. airports)

- **Dual detection:** with transmitters and receivers in each panel, the *PD 6500i* is the equivalent of two detectors in one. By scanning from both sides, the *PD 6500i* 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 (see pg. 10).

- **Meets IP55 standards** for moisture and foreign matter protection.

- **Limited 24-month warranty:** parts and labor.

- **Pacing lights** at the entrance display universal "wait" and "proceed" symbols for traffic control.

▼ The *PD 6500i*'s pinpointing shows a metallic target on the left side at shoe level.

Beige Color Scheme

▲ The *PD 6500i*'s access control panel is designed for use with specific, multi-level security codes.

Advanced Multiple Target Pinpointing

The only metal detector approved for U.S. and European airports that indicates whether multiple targets are located on the left, right or center of the body as well as vertical location.

Pinpointing

Red pinpoint lights on the detector's exit side provide exact target location information using 11 vertical and three horizontal positions—making 33 total detection zones.

Programming

In addition to 33 detection zones, the *PD 6500i* is shipped with program and sensitivity settings which are suitable for many security applications. There is no need to change software to change applications.

Program settings include:

- Airports
- Courthouses
- Special Events
- Loss Prevention
- Schools
- Buildings
- Prisons
- Nuclear

Analyze your security checkpoint's effectiveness with special Garrett accessories. See page 10.

Directional Counter

Select from four settings for directional counting: Forward only; Reverse only; Subtract in reverse (subtracts people passing through the detector in the reverse direction); or Bi-directional.

PD-6500i Options

28" Restricted Clearance option (Gray color):
1168428 (US)   1168429 (International)

32" ADA-Compliant Clearance option (Gray):
1168432 (US)   1168434 (International)

EZL Option (Gray color):
Standard 30" clearance with zone lights on both the entry and exit sides, allowing the operator to view the alarmed object from any position.
1168412 (US)   1168422 (International)

33-Zone-Protection

The *PD 6500i* has 33 total detection zones: 11 from top to bottom, each having three separate detection zones to indicate left, center or right side. Each detector is shipped with a detailed owner's manual and DVD which explain zone adjustment options.

Multi-Brand Compatability

The Garrett *PD 6500i*—with numerous frequency selections and excellent interference rejection—can be added to existing checkpoints without having to replace other brand units.

Advanced Networking

Manage walkthroughs individually or as groups and perform statistical analysis via network with CMA Interface Module. Supervisors can remotely access controls, visual alarms and statistics.

Overhead Control Unit
LCD Display, alarm lights, LED bar graphs and control touchpads plus all wiring, connections and electronics are integrated into a single, lockable overhead compartment which eliminates exposure of wires and external control box.

Multi-Dimensional Coil Design
The PD 6500i's exclusive multi-dimensional coil design provides unmatched detection of potentially lethal metal items such as guns, knives and other flat and rod-shaped weapons regardless of location and orientation.

Audible and Visual Alarms
Audible alarm and visual LED lights signal when a target has been detected.

33 Distinct Pinpoint Detection Zones
The PD 6500i offers exclusive multiple target pinpointing with 33 distinct zones for full target coverage on the left, center and right side of the body from head to toe.

Digital Signal Processor (DSP) Based Technology
DSP provides greater sensitivity, noise immunity, discrimination, detection uniformity and overall product reliability.

Passageway Interior	Overall Exterior	Shipping
Width 30" (0.76 m)	Width 35" (0.9 m)	Width 35.5"
Height 80" (2 m)	Height 87" (2.2 m)	Height 92" (2.3m)
Depth 23" (0.58 m)	Depth 23" (0.58 m)	Depth 6.5" (0.17 m)

Weight: 143 lbs. (64 kg)   Shipping Weight: 165 lbs. (74 kg)

Desktop Remote Control with Zone Indication
Part No. 2266400

For remote operation of the detector from up to 50 feet (standard). Contact Garrett for optional lengths
For use with the Garrett *PD 6500i*.

Desktop Remote Control
Part No. 2225600

For remote operation of the *MT 5500*, *MS 3500* or *CS 5000* detectors from up to 50 feet (standard). Contact Garrett for optional lengths.

Battery Backup Module
Conveniently allows multiple hours of backup use. Hinged door protects all interior wiring and components.

PD 6500i: Up to ten (10) hours backup. Charger included.
Part No. 2225400 (Euro Part No. 2225470)
MT 5500: Up to twenty (20) hours backup.
Part No. 2225770 (Euro Part No. 2225780)
CS 5000: Up to twenty (20) hours backup.
Part No. 2225700
MS 3500: Up to twenty (20) hours backup.
Part No. 2225700

Adhesive Floor Mount Kit
Part No. 1604100
4 included.
For use with the Garrett *PD 6500i*.

10 ft. Cord Jumper
Part No. 9431900
Allows multiple walk-through units, in close proximity, to be linked to the same power source.

Operational Test Piece (OTP) Part No. 1600600
Designed to FAA 3-gun test requirements.
Can be used with all Garrett model detectors.

Flat Test Piece (FTP)
Part No. 1620570
Designed to represent a small knife.
For test use with the Garrett *PD 6500i*.

Removable MagnaDolly
Part No. 1168000
Removable wheel assembly for easy portability.

Permanent MagnaDolly Part No. 1169000
Permanently fastens to the *PD 6500i*, *MT 5500* or *CS 5000* for easy portability. Requires installation. Permanent MagnaDolly is best installed at Garrett factory at time of purchase.

Includes foldable brace for walk-through support during moves

Permanent wheel assembly is also mounted on upper walk-through panel

Stabilizer Base
Part No. 1603900
Can be used with *PD 6500i*, *MT 5500* or *CS 5000* model walk-through detectors.
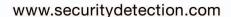
Floor Anchor Kit
Part No.1604000
Provides excellent stability for the *MS 3500* under all operating conditions.

Garrett has the walk-through metal detector accessories you need to set up an efficient and effective security screening checkpoint.

Control Monitor Analyzer (CMA)

The CMA Interface Module is used with a 10/100baseT network and a personal computer. It allows control, real time monitoring and diagnostics from a remote location. The internal memory records all changes to settings and passenger traffic and alarm history for analytical evaluation.
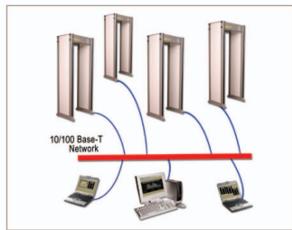For use with Garrett *PD 6500i*, *MT 5500* or *CS 5000* models.
Part No. 1168310

• Gain real-time access to all walk-through detectors on your network.

• Utilize group management function to control settings and analyze data on multiple walk-through detectors at one time. (With Garrett *PD 6500i* only.)

• Analyze security checkpoint alarm rates, patron counts and other diagnostic statistics. (With Garrett *PD 6500i* only.)

• Check settings and diagnose issues with detectors on your network.

> **Real-time network access to your metal detector with Garrett's CMA Module — now with group management capabilities.**

CMA Interface Module™

CONTROL

◄ Supervisors can use the CMA Interface Module to remotely troubleshoot or change detector settings.

MONITOR

▲ View and save downloaded data from all the walkthroughs in your network to monitor throughput counts and alarms.

ANALYZE

◄ The CMA allows for analysis of the activities and statistics for each walk-through metal detector in your network.