



**GARRETT**  
METAL DETECTORS

**Magnascanner**

**PD 6500**

Walk-Through Metal Detector

**PINPOINT**  
DETECTION

For Precise Target Location

*Improved Detection Performance*

- Pinpoints targets – right, left, or center of body from head to toe
- Multi-coil design reduces susceptibility to outside interference
- Zone by zone calibration optimizes detection field
- Less than 5% false alarm rates capability
- Reduces false alarms caused by common items such as keys, coins, etc.

*Increased Operating Flexibility*

- Unique paging lights for increased throughput
- Touchpads and backlit LCD for greater ease and clarity
- Continuous on-line operating status reports
- Computerized access codes render settings tamper-proof

*Proven Reliability, Quality, and Value*

- Meets latest requirements of FAA and other regulatory bodies
- Complete, automatic self-diagnostic program
- Rugged, yet designed for easy portability
- Automatic voltage regulation for use anywhere
- Optional battery back-up module
- Simplified method for achieving optimum settings
- Meets international standards for CE regulations
- Modular unit design simplifies maintenance

*Proven dependability for over 35 years*



# Garrett Magnascanner PD 6500

## Controls and Operating Displays

**LCD Display:** Large display, multi-language display on the Control Panel, backlit for easy viewing. Supports all regulating, controlling and self-diagnosing functions of the unit.

**Ready Light:** Red/Amber green light appears when the power has been turned on and the unit is ready to detect. The light will also indicate when an individual is positioned to be scanned by the unit and the ready to accept the next person.

**Alarm Light:** The large amber light will appear when the unit detects a large amount of metal or an individual exceeding the speed limits in the trigger and Sensitive levels.

**Bar Graph:** The LED array indicates the detection intensity which is based on the amount and composition of metal objects passing through the end-way.

**Touchpads:** Light touchpads on the end-way's Control Panel perform all control functions.



Entrance Side

**Pacing Lights:** A set of eight lights located within both side panel end caps on the left or side include ENTER (Green), Ready for Passage or WAIT (Red), not ready for passage.



Operator Side

**Pinpoint Detection Alarm Light:** Located within both side panel end caps on the outside, these lights are activated when the target amount of metal is detected within the non-sensing zones.

## Technical Specifications

**Electronics:** Dependable video image processing metal detector and metal image handling logic to scan video. LED on left or right side of a corner of each video image frame provides an easily visible detection and control display. Two video image modules suit designed for easy adjustment.

**Detection Field:** Large and wide gate video image processing video for 360° scanning. 3.4 feet and only 30" high and only 20" wide. Target detection is precise regardless of metal color or metal shape in the end-way.

**Self-Diagnosis:** The video image processing system of the system automatically with any failure or problem is reported on the LCD Display.

**Program Levels:** User selectable, 25 advanced programs designed for entering specific program and data to make security applications.

**Sensitivity:** 1-100 per program for precise target search with each horizontal zone.

**Memory:** 10 program selections and address a program of 1000 only on each of 1000. The unit will maintain address when power disconnected from power. No battery is required for memory retention.

**Overhead Control Unit:** LCD Display, alarm lights, LED bar graphs and control touchpads plus all wiring, controllers and electronics are integrated in a single overhead compartment. All controls, camera, camera and external control box.



