



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 pacing lights for increased throughput
- Touchpanel 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
- Options: battery pack-up module
- Simplified method for achieving optimum settings
- Meets international standards for CE regulations
- Modular on-site simplifies maintenance

Proven dependability for over 35 years

GARRETT
METAL DETECTORS





Garrett Magnascanner PD 6500

Controls and Operating Displays

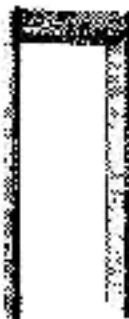
LCD Display: Large dot-matrix multi-language display on the Control Panel. Used for easy viewing, operation, programming and selecting functions of the unit.

Ready Light: A long 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 has passed through the unit.

Alarm Light: This long red light will appear when the unit detects a large amount of metal or an individual according to specific factors in the trigger and sensitivity levels.

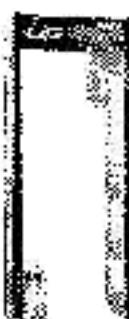
Bar Graph: The LCD array indicates the detection intensity which is based on the amount and composition of metals objects passing through the end-way.

Touchpad: Eight touch pads on the armature's Control Panel perform control functions.



Entrance Side

Paging Lights: A set of eight lights located within both side panels and caps on the unit to assist in vehicle ENTER (3 caps), BODY TO BAGGAGE (4) and NOT READY FOR PASSAGE.



Operator Side

Pinned Point Detection Alarm Lights: Located within both side panels and caps on the unit, these lights are activated when the target amount of metal is detected within the non-descending cones.

Technical Specifications

Electronics: Programmable logic using the most advanced and unique solution logic known today. All on left or right side of a series of seven vertical logic microprocessors, arranged in bell-shaped pattern and stacked vertically. Five logic modules and designed to vary depending.

Detection Field: Unipolar energized with an AC current of 24V, ensuring 100% field uniformity and reliability and safety. Target detection is more repeatable, reliable and consistent in the end-way.

Self-Diagnostic: Internal fault monitor, self-test of all systems, a problem automatically with signal and code displayed on the LCD Display.

Program Levels: User selectable, 16 standard programs. One great for setting specific programs and 16 random security sequences.

Sensitivity: 1-10% over range for passing targets and within each horizontal zone.

Memory: 10 program solutions and settings to maintain in case of power failure or switch off. Memory: The unit will retain all memory when disconnected from power. No battery is required for memory retention.

Overhead Control Unit: LCD display with lights, LED bar graphs and controls to operate power, lighting, controlling and clearing bars integrated in a single control compartment. It houses a control console and external control box.

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For An Enhanced Total Screening Procedure

The Magnascanner's unique multi-directional coil design and its simple ergonomic design makes possible the use of multiple detection targets, easier identification, proper handling of targets. The operator is quickly identifying the exact position of the alarmed target and can control the alarm source through use of a hand held remote.

The PD 6500's advanced target discrimination capability and ease of use enhances security reliability. Features which include, zone zoning, sensitivity adjustment, memory, user programmable settings, and many more. You get increased operator life, increased screening and increased total system throughput.

This detector is a great addition to your security equipment when the added time savings for screening, reselecting items down and reducing operator workload.



Optional accessories available for the PD 6500



#2225400
Battery Module
Allows convenient
12V operation



#1500600
Operational Test
Piece (OTP)
Designed to FAA
specifications

Turn-on Detection, Alarm, Lights
Scan In/Out, Target Location
Magnetic field strength
Target position indicators / test
kit, and a power cord.



#1168000
Magna Dolly
Wheel assembly
for easy portability



Maker of the world's Super E-Series
and other quality products, committed to the
world's largest market of metal detectors.

GARRETT METAL DETECTORS

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