CS 5000 Walk-Through Metal Detector

Model # 1167410

Walk-Through Metal Detector

The CS 5000 is one of the industry's most economical and effective walk-through metal detectors. With microprocessor technology, the CS 5000 offers greater sensitivity for detecting weapons from the archway to the floor. The CS 5000 is a proven unit for security applications around the world.

FEATURES

- Microprocessor technology in detection and control circuitry

- Uniform coverage from archway to floor

- Greater sensitivity for detecting metal weapons

- Precise control of Program / Sensitivity settings

- Continuous on-line reports of operating status

- Tamper proof settings through computerized access codes

- Three levels of ankle boost sensitivity

- Complete and automatic self-diagnostic program

- Noise reduction to prevent false alarms

- Rugged design with quick assembly

- Optional battery pack for use anywhere

APPLICATIONS

Airports	Sporting Events
Prisons	Nuclear Facilities
Correctional Facilities	Transportation Terminals
Public and Private Buildings	Loss Prevention
Schools	Corporate Security
Stadiums/Concerts	Historical Landmarks

TRAINING

GARRETT Academy of Metal Detection

Garrett Metal Detectors is the only manufacturer to offer free training in metal detection checkpoint screening. Now, you can learn from the industry's leading team of metal detection experts. Call today and enroll in The Garrett Academy.

www.garrett.com

CS 5000 Walk-Through Metal Detector

Thank you for your interest in Garrett Metal Detectors, the global leader of security walk-through and hand-held metal detection equipment for over 20 years. From the Olympic Games to U.S. and International airports, Garrett has the proven experience, expertise and reliable products you need to design the most effective security screening checkpoint for your unique application. Whether it's one walk-through unit or a hundred, let Garrett Metal Detectors work with you to make your facility or event more secure.

Easy Assembly
Garrett's CS 5000 is easily assembled with only 4 (four) pieces and 8 (eight) screws and simple to follow instructions.
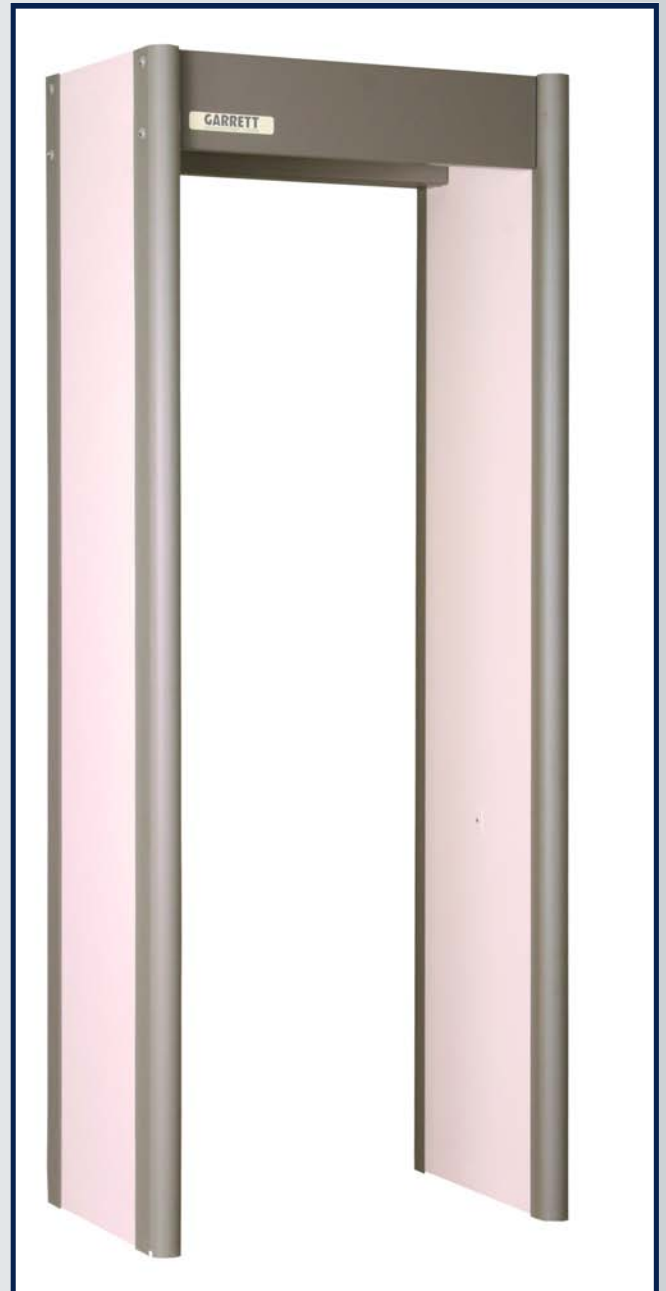
Multi-Dimensional Scanning
The CS 5000 uses microprocessors in both detection and control circuits to ensure enhanced sensitivity and programming flexibility. The CS 5000 offers an almost infinite number of precise and resettable program/sensitivity settings, enabling it to respond more effectively to weapons while ignoring harmless objects. Uniform detection from archway to floor meets the demanding needs of today's security professionals around the world.

Convenient Touchpad Controls
Eight (8) touchpad controls perform all control functions on the CS 5000 and clearly report all calibration and operating information with alphanumeric displays. Touchpads include: STANDBY, OPERATE, COUNTER, VOLUME, + / -, PROGRAM and ACCESS.

Instruction Manual and Video
The CS 5000 comes with a standard User's Manual that easily guides you through the functions, settings and programs of the unit. An instructional video is also available.
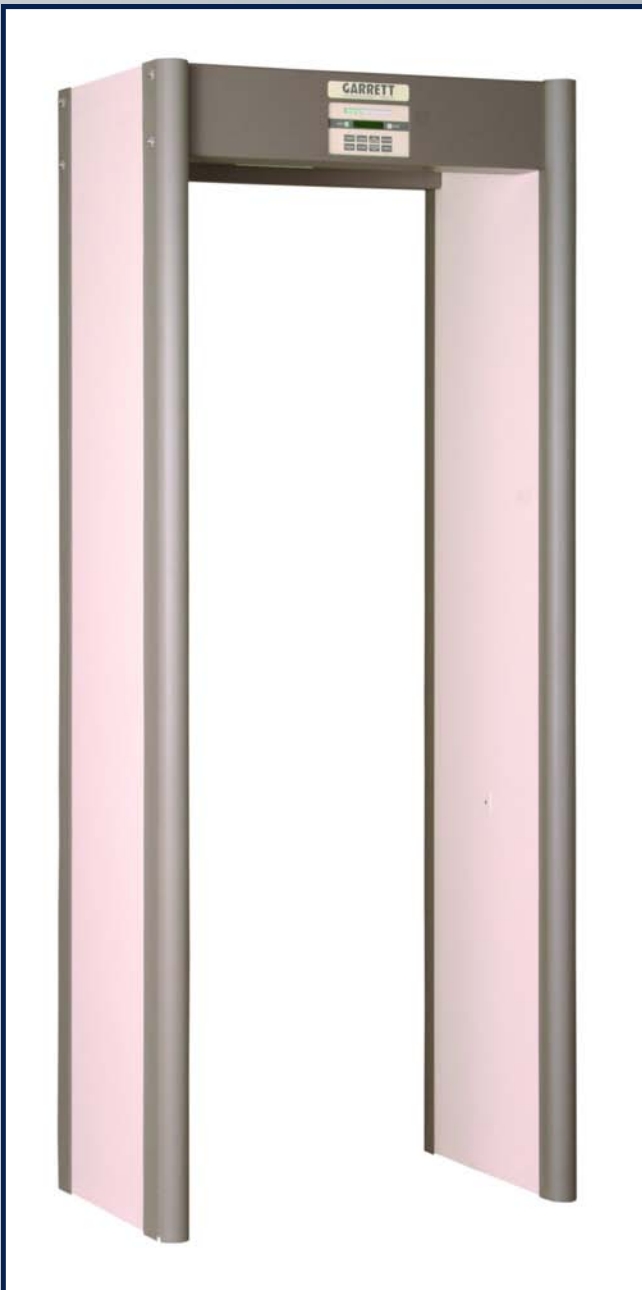

Entrance View

The connections, wires and electronics to the CS 5000 are accessible on the inside of the Rear Entry Detection Head.

The Access Control Panel is designed for use by supervisory personnel with specific security codes. It allows authorized users to change settings such as Program and Sensitivity. Security of the detector's settings is maintained with a non-resettable sequence code, which indicates every attempt at access to the settings. A tamper alarm sounds within 10 seconds after the Access touchpad is pressed unless a proper access code is entered.

The CS 5000 includes 20 standard programs, which are maintained in an electrically erasable non-volatile memory, for the ultimate in security application versatility. The unit maintains all settings even when disconnected from power and does not require recalibration when the unit is turned OFF and back ON. No battery is required for memory retention. When the unit is in operation, a self-test of all systems is performed continuously with any failures or problems reported on the LCD.

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

Microprocessor Controlled
State of the art microprocessors ensure sensitivity and flexibility of programming with a maximum of 200 distinct sensitivity levels.

Audible and Visual Alarms
Audible and visual alarms are activated when a target amount of metal is detected; LED bar graph indicates the amplitude of the alarm signal.

Detection Field
Digital controlled pulse induction technology, which is powered by microprocessors, is utilized in both detection and control circuitry. The CS 5000 is designed for tailoring specific programs to fulfill various security requirements.

Rugged Design
Rugged, yet lightweight design for simple maintenance and quick, easy portability; MagnaDolly accessory also available

Exit View

Passageway Interior	Overall Exterior	Shipping
Width 30″ (0.7m)	Width 35″ (0.9m)	Width 33.5″ (0.9m)
Height 80″ (2m)	Height 87″ (2.2m)	Height 91.5″ (2.3m)
Depth 23″ (0.5m)	Depth 23″ (0.5m)	Depth 6.25″ (1.5m)

Shipping Weight: 136 lbs (61.8kg)

SPECIFICATIONS

Operating Temperatures
-4°F (-20° C) to +158°F (70°C); Humidity to 95% noncondensing

Power
Fully automatic 100 to 240 VAC, 50 or 60 Hertz, 55 watts; no rewiring, switching or adjustments required. Power supply meets UL, CSA , TUV and VDE standards

Weatherproofing / Foreign Object Protection Standards
Meets IP 31, IEC Standard. "Degrees of Protection provided by Enclosures," CEI 529

Tamper-Proof
Dual-level access codes required to set or change all sensitivity settings and detection programs; one level for use by supervisors in selecting programs and sensitivity and the other for initial set-up and overall control; non-resettable sequence code logs all changes made whenever sensitivity codes are accessed. An audible alarm reports any unauthorized attempt at access.

Construction
Attractive scratch and mar-resistant laminate with resilient end caps; control panel and cross members of heavy duty aluminum.

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

Traffic Counter
Built-in and resettable with current reading easily available on LCD panel.

Synchronization
Multiple channels permit several CS 5000s and other Garrett detectors to operate simultaneously in close proximity.

Interference Suppression
100% sensor coil Faraday shielding; special Garrett built-in circuitry for noise suppression and ignoring x-ray monitor horizontal sync.

Alarms
Ready light indicates unit is operational; alarm lights and audible alarms are activated when the target amount of metal is detected; LED bar graph indicates amplitude of alarm signal.

Infrared Sensor
Improves analysis of detection signal; increases throughput; helps eliminate "false alarms" also provides accurate traffic counter.

Masking
Programs designed to eliminate the problem of dissimilar targets canceling each other

Warranty
Limited 24 months, parts and labor

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ACCESSORIES

A. Battery Backup Module - Conveniently allows up to eight (8) hours of backup use. (Model # 2225700)

B. Desktop Remote Control - For easy remote operation of the CS 5000 from up to 50 feet (standard length: contact Garrett for optional lengths) (Model # 2225600)

C. Operational Test Piece (OTP) - Designed to FAA 3-gun test requirements (Model # 1600600)

D. MagnaDolly - Wheel assembly for easy portability (Model # 1168000)

E. Stabilizer Base - (Model # 1603900)

REGULATORY INFORMATION

The CS 5000 meets Electrical Safety and Compatibility Requirements for CE, FCC, CSA, IEC, ICNIRP and IEEE.

The CS 5500 meets U.S. and International regulatory requirements for electromagnetic safety. Extensive research has found no information that would indicate Garrett products have adverse effects on pregnancy, medical devices or magnetic recording media. However, directives by physicians and medical device manufacturers regarding metal detectors should be followed.

SuperScanner

SuperWand

THD

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