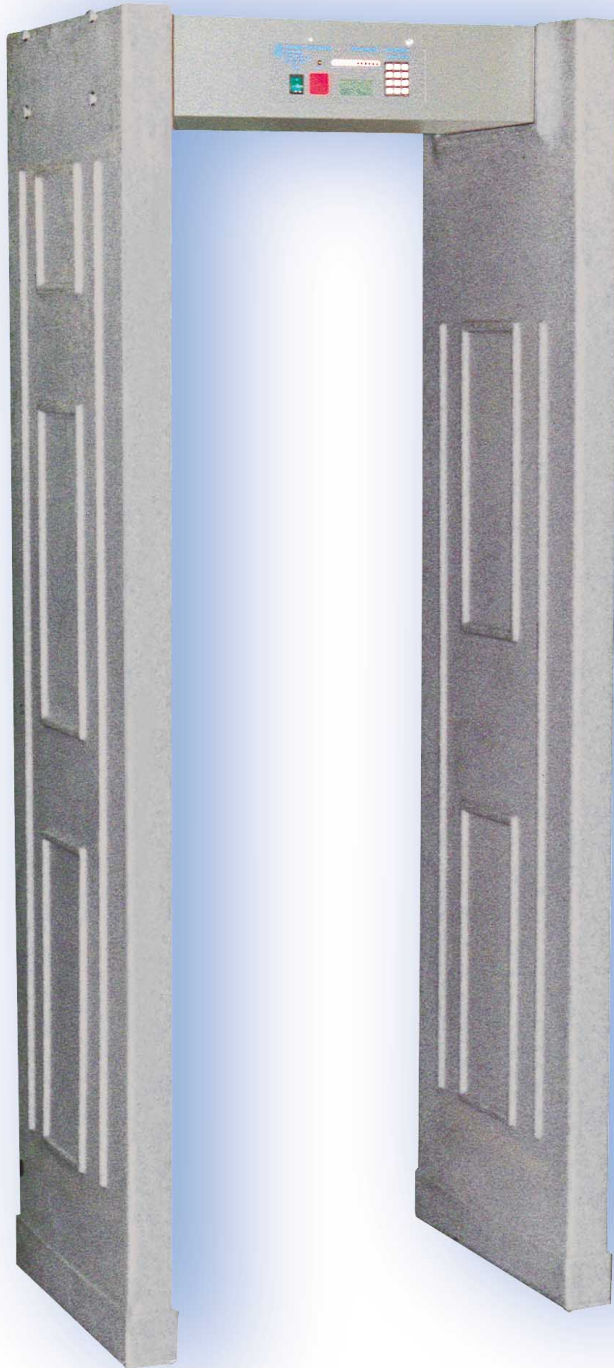


# CHECKGATE®

Walkthrough Metal Detection System

# 9000



## The Ultimate In Security Performance

### SOPHISTICATED DISCRIMINATION

Model 9000 double checks each individual, saving valuable time and manpower. This unit's proprietary technology is equipped with a multi-field transmitter and receiver on **both** sides of the archway.

### DEPENDABLE

Selected by the world's most demanding screeners, such as the Federal Marshals Service and major airlines, reliably fast screening and dependability are the hallmark of the Checkgate 9000-P.

### LOWEST FALSE ALARM RATES

The easiest, fastest checkpoint processing is achieved, or alternatively, much better discrimination at normal alarm rates.

### ADVANCED SIGNAL PROCESSING

Unlike other detectors, RFI/EMI interference from electronic devices, including display monitors, is eliminated and does not affect operation.

### SIMPLE SET-UP AND OPERATION

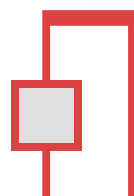
Setting detection levels, volume, sensitivity, tone, and speed are easily accomplished by entering a password.

### FAST AUTOMATIC CALIBRATION

Automatically balances out all external metal within one foot of the panel sides, and nulls out RF interference from monitors and other nearby devices.

### QUALITY ASSURED

CE compliant, medically safe, FAA approved and designed and manufactured in accordance with ISO 9001.

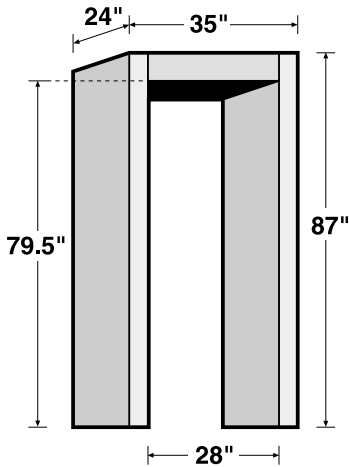


## Control Screening

*Celebrating 65 years of excellence in design and service*

Dynavision® Scintrex® CheckGate® Federal Labs® HandWand®

# 9000



## PERFORMANCE STANDARDS

Meets and exceeds NILECJ standard 0601.00 level 1-5 and F.A.A. Airport Security Regulations.

## ELECTRONICS

Microprocessor computer controlled circuitry with 12 digit digital keypad entry control, LCD display, large LED bargraph meter, LED indicators and audio/visual alarm.

## ARCHWAY

Reinforced plasticized housing which contains the multi-field antenna.

- Standard Color: Grey or Ivory
- Specify Model:  
9000-P (plastic) 9000-F (formica)

## POWER

- 90-137 or 180-259 VAC
- 50-60 Hz +/- 3 Hz

## ENVIRONMENTAL CONDITIONS

- Temperature: -10°C to 55°C
- Humidity: 0-98%, non-condensing

## DIMENSIONS / WEIGHT

- Standard Configuration:  
Overall Loop Housing  
- 87"H x 24"D x 35"W  
Passage Clearance - 79.5"H x 28"W  
Weight - 99-110 lbs.

## OPTIONS

- Remote Command Center
- 24" and Custom Widths
- Remote Annunciator Panel
- Custom Color Finishes
- Floor Anchor Kit
- Wheels; No Tools Hardware
- Person Counter, Sensor
- Weatherization
- Battery Backup
- Matching Side Table for Key Trays  
14.7"W x 23.3"D x 38"H  
37cm W x 59cm D x 96cm H
- CE Marking
- Award-winning HandWand® Metal Detector



# TECHNICAL SPECIFICATIONS

Security is absolute with this preferred government specified model. The CheckGate® Model 9000 provides extremely low false alarm rates and offers the highest throughput traffic flow. Unique patented dual antenna construction eliminates false alarms on personal items, providing maximum detection and maximum reliability. This unit offers an attractive grey granite seamless, thermoplastic housing. Proven with continued operation in the world's busiest airports, U.S. Government facilities, courtrooms, hospitals, etc. This is easily, the leading model in airports and Federal facility installations for high throughput and immunity from RFI AND EMI electrical noise interference. The lowest false alarm and highest threat object detection rates are assured in the busiest and toughest security environments.

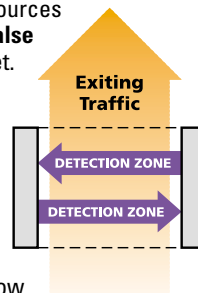
## Standard Features

- DSP circuitry eliminates spikes, noise, and two-way radio interference.
- No Sensors are required—detection circuitry is continuously active.
- Bright and large squared LED indicators for power and alarm status.
- LCD display indicates settings, diagnostic functions and operational menus.
- Diagnostics are built in and circuits are constantly monitored for faults.
- 100 Standard programs, ferrous and nonferrous metal detection.
- Sensitivity range settings are selectable from 1 to 99 for target detection.
- Remote alarm relay and data output connector.
- Synchronization for adjacent unit operation with four audio tone selections.
- One year warranty on all parts and labor - extended warranties also available.

## Unique Performance Qualities

Copyright 2001-2003 Control Screening LP, all rights reserved. Due to continuing product improvements, these specifications are subject to change. Printed in USA.

- Unique dual antenna system provides multi-field detection within the entire archway. The patented antenna and electronics system is combined with specially designed software. These physical resources produce by far the **lowest false alarm rate** for any given target.
- Left-to-right, right-to-left, center, top-to-bottom, and bottom-to-top positions within the archway exhibit detection on any test object. "Strong" and "weak sides" are eliminated. **Experience** the uniformity of detection (low false alarms) - no other model comes close.
- Custom program configuration is obtained by using the built-in prompts on the included menu. Specific **target selection** based on metal



content and shape characteristics can be accomplished.

- System design insures that the overall magnetic field radius is **reduced by 50%**. This allows for less moving metal interference at the front and exit sides of the archway portal.
- A dual channel bargraph meter makes it easy to optimize the archway in busy locations. Unit self adjusts to withstand environmental interference from large static metal objects.
- The archway can be optimized for increasing or decreasing signal levels at the floor area of the portal opening width. **Detection at ankle level or below** the ankle can be selected by adjusting a maximum of two parameters. Selection of a higher numbered program in each group of 10 offers a greater distance from floor level and a lower number results in improved detection at floor level.

## Headquarters Office • Corporate & International Sales

Control Screening  
2 Gardner Road, Fairfield, NJ 07004-2206 USA

(800) 231-6414  
+ (973) 276-6161  
Fax: + (973) 276-6162

## State & Local Government Sales

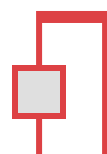
Control Screening  
35 W. Pittsburgh St, Greensburg, PA 15601 USA

+ (724) 837-5411  
Fax: + (724) 837-5425

e-mail: [pa@controlscreening.com](mailto:pa@controlscreening.com) website: [www.controlscreening.com](http://www.controlscreening.com)

**In Asia** Control Screening - Seacor • 20 Harbour Drive, PSA Vista 05-01A, Singapore, 117612  
Tel: + 65 872-1123 Fax: + 65 872-2762 e-mail: [asia@controlscreening.com](mailto:asia@controlscreening.com)

**In Europe** 90 Avenue Denis Papin, Saint-Jean-de-Braye, 45808F France  
Tel: + 33 2 38 61 97 00 Fax: + 33 2 38 61 97 01 e-mail: [ec@controlscreening.com](mailto:ec@controlscreening.com)



## Control Screening

Celebrating 65 years of excellence in design and service

Dynavision® Scintrex® CheckGate® Federal Labs® HandWand®