ASTROPHYSICS™

TOMORROW'S TECHNOLOGY FOR TODAY'S SECURITY

WT2000

Enhanced Pinpoint Accuracy

Walk-Through Metal Detector

TRANSPORTATION

Airport entrances and perimeters, air cargo, and checkpoint technology.

PORTS & BORDERS

Border control, sea ports, and other large cargo sectors.

CRITICAL INFRASTRUCTURE

Access control for prisons, courthouses, mailrooms, hotel entrances and military bases.

The WT2000 is a walk-through metal detector that accurately identifies ferrous and non-ferrous weapons utilizing superior target detection.

The WT2000 offers greater sensitivity, noise immunity, metal discrimination, detection uniformity, and overall product reliability. The system pinpoints targets to the left, center and right sides of the body from head to toe.

An improved coil design ensures the smallest metals are detected regardless of shape or orientation. The WT2000 has LED light columns on the exit side of the walk-through to directly specify a threat object's location.

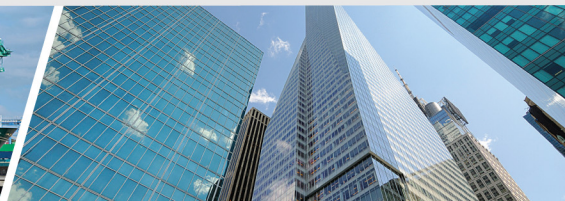
The WT2000 also features pacing lights with the symbols "Wait" or "Proceed" for timed precision. The system's counter tracks the number of people that have passed through the detector, alarms triggered, and calculates alarm rate percentages.

With advanced analog and digital filtering, the WT2000 eliminates potential electrical interferences from the environment to maximize detection accuracy. This enables Astrophysics X-ray systems and the WT2000 to be placed in close operating proximity to each other.

The pinpoint accuracy of the WT2000 combined with Astrophysics superior X-ray imaging technology provide the ideal performance and reliability for all your checkpoint security needs.

Backed by a team of experts with more than 100 years of combined industry experience, Astrophysics develops and delivers the industry's leading security products. Our units feature top-of-the-line software and advanced hardware while also delivering incredible value to our customers.

Astrophysics is headquartered in the United States and maintains a global presence with service delivery worldwide. Astrophysics is committed to global safety and is proud to present this new age of screening security—driving the industry into the technology of tomorrow.



GENERAL SPECIFICATIONS

• Interior Dimensions: (D x W x H)	58.4 cm x 76.0 cm x 203 cm 23.0" x 29.9" x 79.9"
• Outer Dimensions: (D x W x H)	58.4 cm x 88.9 cm x 221 cm 23.0" x 35.0" x 87.0"
• Shipping Dimensions: (D x W x H)	15.9 cm x 90.1 cm x 232 cm 6.3" x 35.5" x 91.3"
• Net Weight:	64 kg (141 lbs)
• Shipping Weight:	74 kg (163 lbs)
• Construction:	Scratch Resistant Laminate Heavy Duty Aluminum

STANDARD FEATURES

- 21 Screening Programs
- 33 Pinpoint Zones
- Analog and Digital Filtering for Inference Supervision
- Audio / Video Alarm
- Control Outputs
- Digital Signal Processor (DSP) Based Technology
- Directional counter with multiple settings
- Entry Pacing Lights
- Key Lock Security and Multi-Tier Access Codes
- Meets IP 55 IEC Standard
- Overhead Control Unit - LCD Display, Alarm Lights, LED Bar Graphs and Control Touchpads

OPTIONAL FEATURES

- Battery Back Up Module
- Control Monitor Analyzer (CMA)
- Extension Cord (10 ft)
- Desktop Remote Control with Zone Indication
- Floor Mount Kit
- Mobility Kit Flat
- Operational Test Piece (OTP)
- Remote Control

HEALTH AND SAFETY

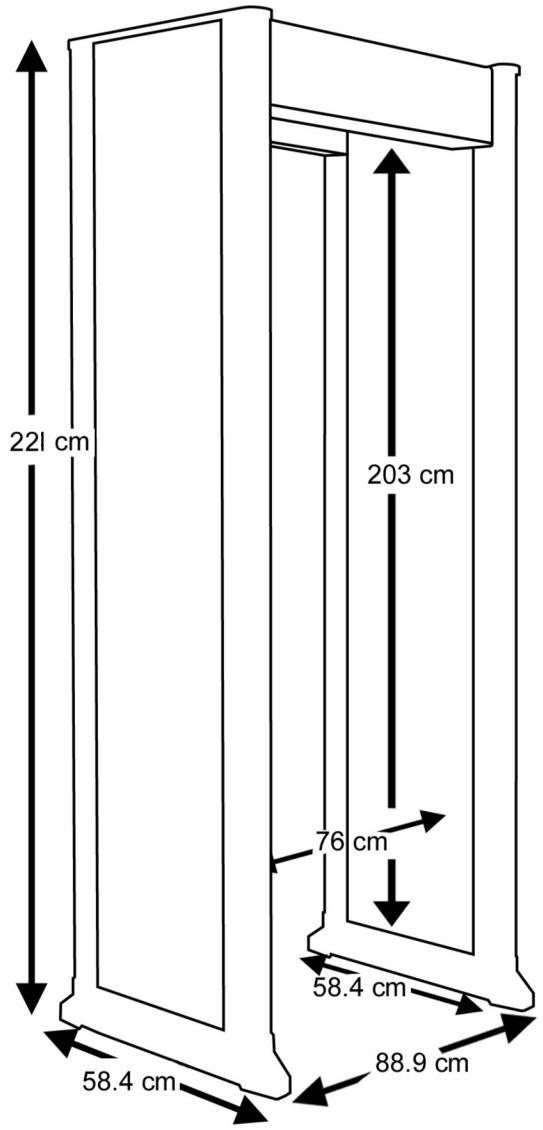
- Meets electrical safety and compatibility requirements for CE, FCC, CSA, IEC (CB certification), ICNIRP and IEEE
- Meets US and International regulatory requirements for electromagnetic safety
- Research indicates no adverse effects on pregnancy or medical devices

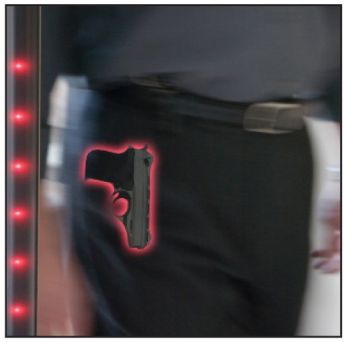
ELECTRICAL

• Power Requirements:	110 - 240 VAC: 50/60 HZ, 55 Watts No Adjustment Required

ENVIRONMENTAL

• Operating Temperature:	-4° F (-20° C) to 140° F (60° C)
• Humidity:	Up to 95% Non-Condensing





[1] As tested on Astrophysics Inc. Test Piece.
[2] Weight and dimensions of the system may vary depending on customization.
[3] Optional features may affect lead time price, and weight of XIS-1080. Please contact your Astrophysics Sales Representative for more information.
[4] Maximum Values on ASTM F792 Test Piece.
Due to continued product research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.

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P/N 50-00-PB44-00 Rev.B