



SECURITY SCREENING

OX-45ultra

WALK-THROUGH METAL DETECTOR

**Precision
detection.**
Confident
screening.



45

Independent detection zones

300

Sensitivity levels

DSP

Signal processing




Walk Through Metal Detector

OX-45ultra · 45 Zones

Detective Master

- **Multi-brand compatibility:** Can be added to existing security checkpoints without having to replace other existing units. Includes multiple channels and 100 selectable operating frequencies.
- **Optimum Performance:** Scientifically engineered to meet the needs of airports, courthouses, prisons, schools, facilities, special events, mass transit, and other applications which need security inspection.
- **Detection performance:** The device is walk-through metal detector that accurately identifies ferrous and nonferrous weapons utilizing superior target detection. (3cm steel ball test sample).
- **DSP processing:** Digital Signal Processor (DSP) based, offers greater sensitivity, noise immunity, metal discrimination, detection uniformity, and overall product reliability. Pinpoint targets the left, center and right side of the body from head to toe.
- **Strong anti-interference performance:** With advanced analogue and digital filtering, the device eliminates potential electrical interference from the environment to ensure detection accuracy. This enables x-ray systems and the device to be placed in close proximity (30cm) to each other.
- **Pacing lights:** The device also features pacing lights with symbols Wait or Proceed for precision. ON-REAL-TIME working between the walk through metal detector & controlled
- **WIFI networking functions:** computer is optional.
- **Programmable memory:** Memory feature store settings for multiple operating environments.
- **Coil design:** An improved coil design ensures the smallest metals are detected regardless of shape or orientation.
- **International security standards:** Meets the world's standard certifications.
- **Tamper-proof:** Double access protection. All settings are secured two levels of access codes, prevents unauthorized access to physical cables, connectors and electronics.
- **Health care:** The detector is harmless for cardiac pacemaker wearer, pregnant women, magnetic media ,etc.

Regulatory Information: The OX-45ultra meets P. R. C. and international regulatory requirements for electromagnetic safety. Extensive research has found no information that the detector has negative effects on pregnancy, medical devices (such as pacemakers), or magnetic recording media.

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■ Specifications

Zone Indications:	45 independent zones
Sensitivity:	From 0-299, in total 300 adjustable sensitivity
Channel Dimensions:	Width :760 mm Height: 2010 mm Depth: 580 mm
External Dimensions:	Width :900 mm Height: 2230 mm Depth: 580 mm
Door frame carton:	2300*780*260mm
Net/Gross Weight:	75KG/78KG
Working Temp.:	-20° C~ +70° C
Storage Temp.:	-40° C~ +70° C
Humidity:	From 5% to 95% non-condensing
Power consumption:	40W±10%
Zone Sensitivity Boost:	Adjustable in 6 side panels
External Power Supply:	AC110~240V±20%, 50/60Hz
Battery Pack (optional):	6~10 hour backup available
Weatherproofing:	Meets IP 43, IEC Standard. For moisture, foreign matter protection.
Certificates:	CE, ROHS
Warranty:	2 years, Limited parts/labor

Self Diagnostic Program:	Complete and automatic when power on.
Over-head Control Unit :	All electronics—LCD, alarm light, LED bargraph, control touch pads- integrated to eliminate wire exposure.
Tamper-Proof Settings:	Double access protection. All settings are secured two levels of access codes.
Construction:	
Detection Heads and SuppoSrtc:Hraetacvhy a dnudt ym aalru-mreisnius	
Control Outputs:	Solid state switches (low voltage AC or DC) for operating alarms and control devices.
Alarm Indicators/Random Alarm Feature:	45 zones, volume-adjustable audible tone, bright LED visual. Random alarm eature.

■ Applications, Metal Detections at

Airports, courts. Prisons, hotels. Stations, schools. Special events, etc.

■ Installation

The OX-45ultra modular design allows for a quick and simple assembly of its three (3) sub assemblies using only eight (8)screws and three (3) internal cable connections.

