

PD140E

COMPACT HAND-HELD METAL DETECTOR

- Fully Compliant with NIJ Standard 0602.02
- Compact, Elegant, Robust and Ergonomic
- Uniform Detection of Magnetic and Non-Magnetic Targets
- Full Digital Design: Consistent Performance and Calibration-Free Operations
- Extended Continuous Operation Time
- Programmable Sensitivity
- Indoor and Outdoor Operations

APPLICATIONS

- ✓ Government Buildings
- 🗸 Airports

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- Correctional Facilities
- ✓ Law Enforcement
- ✓ Nuclear Facilities
- ✓ Loss Prevention
- ✓ Public Events
- ✓ Schools Security



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Threat Detection through Electromagnetics

The PD140E is a Hand Held Metal Detector that combines high reliability and ergonomics with advanced detection and operator signaling features.

Effective sensitivity to all metals, full compliance with the latest Security Standards and high immunity to external metal masses are among the main peculiarities of this new device.

ELEGANT, ROBUST AND ERGONOMIC

The PD140E features a special ergonomic design consisting of an offset hand grip which ensures that the operator's hand does not interfere with the sensitive detection area. Special care has gone into the mechanical design of the detector. Absence of sharp edges or corners allows the detector to be passed smoothly over the inspected area without getting caught in buttons, buckles, folds or other parts of clothing.

NIJ STANDARD 0602.02 COMPLIANT

The technical features of the detector **comply with the NIJ standard 0602.02 and the new NIJ draft standard 0602.03**. The *PD140E* has uniform sensitivity to magnetic and non-magnetic targets including those made of stainless steel. At the same time the detector offers excellent body-effect compensation and has high immunity to external disturbance from electromagnetic and mechanical sources.

FULL DIGITAL DESIGN

The PD140E is fully digital. Electronic functions include an inspection field transmitter-receiver based on Digital Signal Processing (DSP) technology. This design, combined with a special printed antenna, ensures consistent performance, very high reliability and calibration-free operations.

LATEST PLASTIC MATERIALS TECHNOLOGY

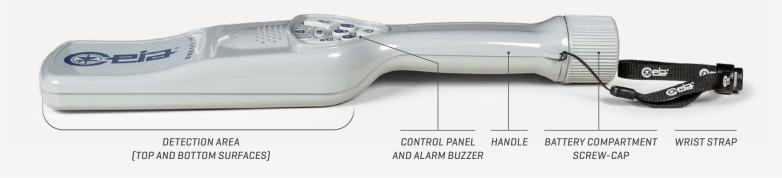
The metal detector casing is made from next-generation technical polymers. These plastics offer high chemical resistance and mechanical strength ensuring a long detector life even in heavy duty conditions.

FULLY PROGRAMMABLE SIGNALLING

- Proportional Acoustic Alarm
- Proportional Optical Alarm
- Vibration Alarm for Discrete Screening



Optical indication proportional to the metal signal strength (Low, Medium, High).



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ORDERING CODE

PART LIST

Wrist strap

Package

PD140E

3 Quick Reference Guide

PD140E: part # PD140E

SHIPPING INFORMATION

Package Dimensions (WxDxH): 375 mm x 90 mm x 58 mm Package Weight: 400 g

PD140E Hand Held Metal Detector
(batteries not included)

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SPECIFICATIONS

POWER SUPPLY	2x AA size alkaline or NiMH rechargeable batteries
FULLY CUSTOMIZABLE CONTROL PANEL	Optical, acoustic and vibration alarm modes
	3-level sensitivity selection buttons
BATTERY	Battery life 100 + hours continuous service (AA alkaline batteries)
	Low battery indicator
OPERATING TEMPERATURE	-40°C to 70°C
STORAGE TEMPERATURE	-40°C to 80°C
RELATIVE HUMIDITY	O to 98% (without condensation)
DIMENSIONS	360 mm x 80 mm x 40 mm
WEIGHT	390 g (with battery)
COLOR	Light grey RAL 7040
MANUFACTURED IN GREY SH	OCK-RESISTANT TECHNICAL POLYMERS
COMPLIANCE	Conforms to the NIJ 0602.02 and the new NIJ 0602.03 Standards for metal detection
	Conforms to the international standards currently applicable for safety, EMC and to the applicable CE regulations
ACCESSORIES	NIJ 0602.02 Test Pieces Kit: part # NIJ-HHMD-0602.02 (includes 11 test objects for LO, MO, SO, VSO security levels)
	Polt Holotori port # 6/161/1



Test Sample: part # 61256

All the second s

AA size Alkaline Batteries: part # 64681

HHDS-6: SIX HAND HELD METAL DETECTOR SET

FEATURES

- Fast deployment of six HHMDs set
- Minimum space requirement for multiple HHMDs transport
- Lightweight and robust construction
- Alkaline batteries and test pieces included
- Size compliant with requirement for transport in air carries cabins
- Weather-Resistant

APPLICATIONS

- Special Forces
- Police, Army
- High mobility applications







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