



## PD140E CEIA

NEW GENERATION COMPACT  
HAND HELD METAL DETECTION SET

- NIJ STANDARD - 0602.02 COMPLIANT
- 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
- INDOOR AND OUTDOOR OPERATIONS

### COMPACT, ELEGANT, ROBUST AND ERGONOMIC

The PD140E features a special ergonomic design consisting of an off set 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 a magnetic 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.



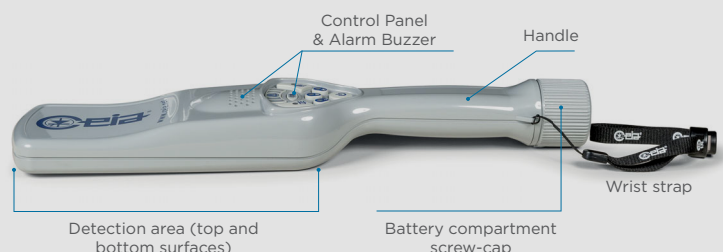
THE PD140E IS A HAND HELD METAL DETECTOR THAT COMBINES HIGH RELIABILITY AND ERGONOMICS WITH ADVANCED DETECTION AND OPERATOR SIGNALING FEATURES. EFFECTIVE SENSITIVITY TO ALL METALS, FULL COMPLIANCE WITH THE LATEST SECURITY STANDARDS AND HIGH IMMUNITY TO EXTERNAL METAL MASSES ARE AMONG THE MAIN PECULIARITIES OF THIS DEVICE.

### 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.

### ADVANCED ALARM INDICATION

The alarm signalling modes include: optical alarm proportional to the intensity of the detection signal; acoustic alarm with a tone which is proportional to the size of the object detected; vibration alarm signal.





# PD140E CEIA

## 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	0 to 98% (without condensation)
Dimensions	360 mm x 80 mm x 40 mm
Weight	380 g (with batteries)
Color	Light grey RAL 7040
Manufactured in grey shock-resistant technical polymers	
Compliance	Conforms to the NIJ 0602.02 Standard and the NIJ 0602.03 Draft for metal detection Conforms to the international standards currently applicable for safety, EMC and to the applicable CE regulations

## SHIPPING INFORMATION

Package dimensions	16" x 2.8" x 5" (WxDxH)
Package weight	1.2 lbs



- 1 PD140E hand held metal detector (batteries not included)
- 2 2 Wrist strap
- 3 Quick reference guide
- 4 Package

## FULLY PROGRAMMABLE SIGNALING

- Proportional, high loudness acoustic alarm
- Proportional, high brightness optical alarm
- Vibration alarm for discrete screening



A	Power push button
B C	Alarm Mode selection
D E F	Sensitivity selection : • Low • Medium • High
G	Alarm indicator
H	Battery charge indicator



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

## HTDS

Parc d'Activités du Moulin de Massy - 3 rue du Saule Trapu  
 BP246 - 91882 Massy Cedex France  
 Tel : +33 (0) 1 64 86 28 28 - Fax : +33 (0) 1 69 07 69 54 - info@htds.fr - www.htds.fr  
 HTDS Algeria: +213 232 384 01/02      HTDS Morocco: +212 222 749 59  
 HTDS Egypt: +202 229 053 06      HTDS Lybia: +218 91 69 50 70 8  
 HTDS Madagascar: +261 34 40 664 72      HTDS Tunisia: +216 70 836 961

