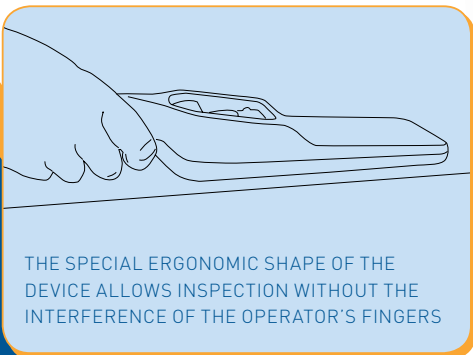


# PD140

## ENHANCED HAND HELD METAL DETECTOR

### FEATURE HIGHLIGHTS

- High Sensitivity
- Detection of both Magnetic and Non-Magnetic Metals
- Optical, Acoustical and Vibration Alarm
- Long Battery Life
- Special Ergonomic Shape
- Very High Reliability
- Easy to Use
- Self-Calibrating
- Fast Inductive Battery Charger (optional for PD140VR model)



THE SPECIAL ERGONOMIC SHAPE OF THE DEVICE ALLOWS INSPECTION WITHOUT THE INTERFERENCE OF THE OPERATOR'S FINGERS



V140 CARRYING CASE

# PD140 ENHANCED HAND HELD METAL DETECTOR



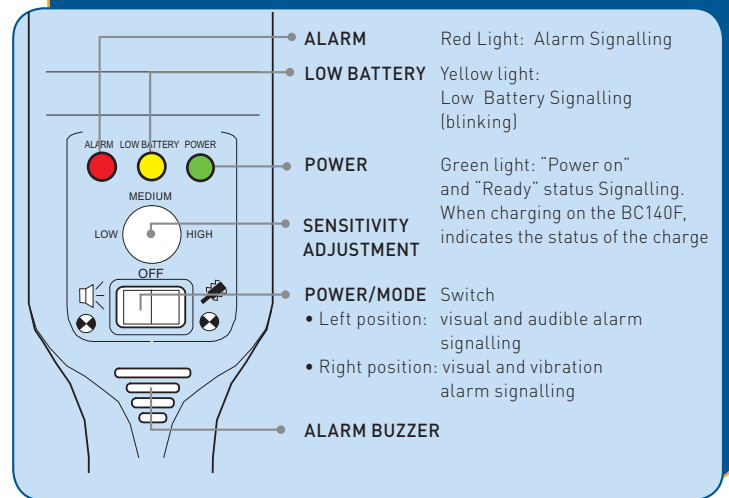
The PD140 Enhanced Hand Held Metal Detector is a **high sensitivity device designed to detect magnetic and non-magnetic metal masses.**

It can be used for detecting weapons, detonators or other small pieces of metal carried by people, concealed in baggage or in correspondence.

**Its bidirectional detection probe allows either its lower or upper side to detect metals evenly.** The special shape of the sensitive surface makes operation of the device easy, unlike other portable metal detectors.

The PD140 Metal Detector is **available in two standard sensitivity versions:** the **PD140V** and the **PD140VR** (model equipped for no-contact induction battery charger). Both are available with a 9V dry battery or rechargeable Ni/MH batteries. Other options include an external no-contact battery recharger BC140F a carrying case V140 and a wristband.

## OPERATOR CONTROLS AND SIGNALLING



## TECHNICAL FEATURES

<b>POWER SUPPLY</b>	<b>PD140V:</b> 9V dry battery or 9V NiMH with contact charger <b>PD140VR:</b> 9V NiMH with BC140F inductive charger
<b>THREE-POSITION SWITCH WITH SELECTION OF TWO DIFFERENT ALARM MODES</b>	Simultaneous optical and acoustic alarm. Built-in buzzer (75 dBA at a distance of 90 cm) Optical alarm and handle vibration
<b>SENSITIVITY ADJUSTMENT BY MEANS OF A THREE-POSITION EXTERNAL SELECTOR</b>	
<b>BATTERY LIFE IN CONTINUOUS OPERATION</b>	with alkaline batteries: 150 hours max with NiMH batteries: 40 hours max

<b>INDICATOR LAMPS FOR</b>	Power on (green light) Alarm (red light) Low battery charge (blinking yellow light)
<b>OPERATING TEMPERATURE</b>	-15°C to 65°C (relative humidity: 0 to 95%)
Manufactured in grey, shock-resistant Polycarbonate and ABS blend	
<b>DIMENSIONS:</b> 340 x 80 x 55 mm	
<b>WEIGHT (WITH BATTERY):</b> 0.400 kg.	
Conforms to the international standards currently applicable for electrical safety, E.M.C. and to the applicable CE regulations	

## BC140F

### FAST INDUCTIVE BATTERY CHARGER

The BC140F unit provides recharging, without electrical contact, of the NiMH batteries in the PD140 Metal Detectors. The BC140F battery charger is designed to be able to be connected in cascade with other similar devices.

### TECHNICAL FEATURES

<b>POWER SUPPLY:</b> 90-265Vrms, 50/60 Hz, 4 W
<b>RECHARGING TIME:</b> 4 hours or less (complete cycle)
ON/OFF switch with indicator lamp
Connection in cascade with other similar devices (up to 20 units)
<b>DIMENSIONS:</b> 82 x 155 x 97 (h) mm.
<b>WEIGHT:</b> 0.5 kg
Length of mains cable: 1.80 m
Length of cable for connecting units in cascade: 0.17 m
Manufactured in grey, shock-resistant ABS
Conforms to the international standards currently applicable for electrical safety, E.M.C. and to the applicable CE regulations



## V140

### CARRYING CASE

The V140 carrying-case, in shock-resistant material, is designed to contain the following items: a PD140 Hand Held Metal Detector, a test piece, a BC140F fast battery-charger, a power supply cable and the instructions for use.

### TECHNICAL FEATURES

<b>DIMENSIONS:</b> 445 x 300 x 180 mm
<b>WEIGHT:</b> 2.5 kg
Shock-resistant ABS construction and the special storage compartments make the V140 carrying-case the ideal, safest and most compact means of transporting the PD140

- GREEN LED** blinking: charge in progress; steady after blinking: charge completed
- POWER LAMP**
- ON/OFF SWITCH**



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CEIA reserves the right to make changes, at any moment and without notice, to the models (including programming), their accessories and optionals, to the prices and conditions of sale