

# 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
- Very High Reliability
- Easy to Use
- Self-Calibrating
- Fast Inductive Battery Charger (optional for PD140VR model)



SPECIAL ERGONOMIC SHAPE



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.**

The unit can be used to detect weapons, detonators and other small pieces of metal concealed in baggage or correspondence.

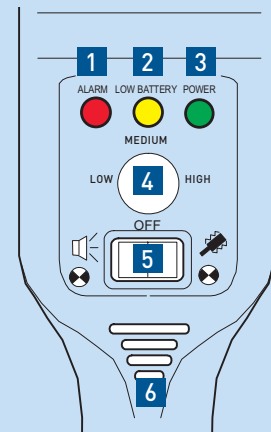
**The bidirectional detection probe allows both sides to detect metals evenly.** The sensitivity of the surface is enhanced by the shape making operation of the device reliable and easy to operate.

The PD140 Metal Detector is **available in two standard sensitivity versions: PD140V and PD140VR** (model equipped for no-contact induction battery charger). Both are available with a 9V dry battery or rechargeable Ni/MH batteries.

## 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	

## OPERATOR CONTROLS AND SIGNALLING DEVICES



- 1 ALARM** Red Light: Alarm Signalling
- 2 LOW BATTERY** Yellow light: Low Battery Signalling (blinking)
- 3 POWER** Green light: "Power on" and "Ready" status Signalling. When charging on the BC140F, indicates the status of the charge
- 4 SENSITIVITY ADJUSTMENT**
- 5 POWER/MODE** Switch
  - Left position: visual and audible alarm signalling
  - Right position: visual and vibration alarm signalling
- 6 ALARM BUZZER**

## BC140F

### FAST INDUCTIVE BATTERY CHARGER

The BC140F unit provides recharging, without electrical contact, of the NiMH batteries in the PD140VR 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)
<b>ON/OFF</b> 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> 0.500 kg
<b>LENGTH OF MAINS CABLE:</b> 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> 2.300 kg including PD140 and battery charger
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
Conforms to the international standards currently applicable for electrical safety, E.M.C. and to the applicable CE regulations



Belt holster



**GREEN LED**  
blinking: charge in progress;  
steady after blinking: charge completed

**POWER LAMP**  
**ON/OFF SWITCH**

BC140F



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