

# PD140SVR

## VERY HIGH SENSITIVITY ENHANCED HAND HELD METAL DETECTOR

### FEATURE HIGHLIGHTS

- Very 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



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



SUPERIOR DETECTION,  
ERGONOMICS,  
VERY COMFORTABLE  
TO USE



V140 CARRYING CASE

# PD140SVR ENHANCED HAND HELD METAL DETECTOR

The PD140SVR 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 device is supplied with a standard test piece for functional verification. Custom calibration samples can be supplied in accordance with the Security Regulations in force.

## 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 POWER/MODE** Switch
  - **Left position:** visual and audible alarm signalling
  - **Right position:** visual and vibration alarm signalling
- 5 ALARM BUZZER**



Belt holster



BC140F

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

## TECHNICAL FEATURES

<b>POWER SUPPLY</b>	9V rechargeable Ni-MH battery
<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
Pre-calibrated sensitivity that can be modified by using an internal trimmer	
<b>BATTERY LIFE*</b>	Optical and acoustic alarm: 40 hours typical** Optical and vibration alarm: 30 hours typical**
<b>INDICATOR LAMPS FOR</b>	Power on (green light) Alarm (red light) Low battery charge (blinking yellow light)
Five different alarm tones, selected from the factory, identified by the last digit of the serial number	
<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
<b>CONFORMS TO THE INTERNATIONAL STANDARDS</b> currently applicable for electrical safety, E.M.C. and to the applicable CE regulations	

\* 10% alarm operation , 90% quiescent operation

\*\* NiMH 9V – 150mAh cell

## BC140F

### FAST INDUCTIVE BATTERY CHARGER

The BC140F unit provides recharging, without electrical contact, of the NiMH batteries in the PD140SVR 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 PD140SVR 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> 2.3 kg including PD140SVR 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 PD140SVR
Conforms to the international standards currently applicable for electrical safety, E.M.C. and to the applicable CE regulations



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