

# PD140SVR

## Very High Sensitivity Enhanced Hand Held Metal Detector

- > 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 shape of the sensitive surface makes operation of the device easy, unlike other portable metal detectors



V140 Carrying Case

# PD140SVR

## Very High Sensitivity Enhanced Hand Held Metal Detector

The PD140SVR Enhanced Hand Held 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 correspondence. Its bidirectional detection probe allows either its lower or upper side to detect metals evenly.

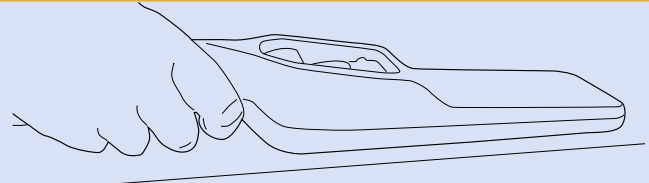
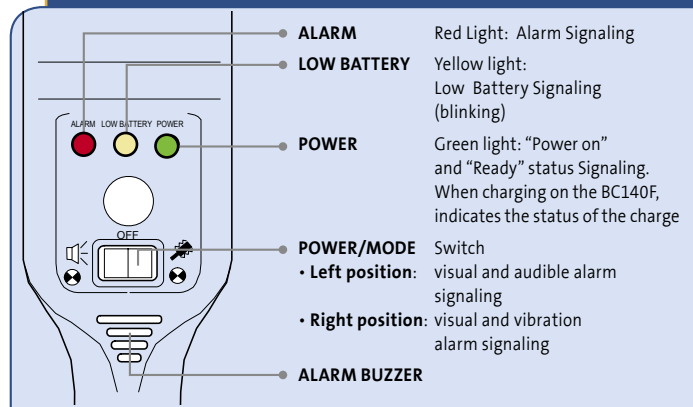
The special shape of the sensitive surface makes operation of the device easy, unlike other portable metal detectors.

The 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.

### Technical Features

Power supply	9V rechargeable Ni-MH battery
Three-position switch with selection of two different alarm modes	Simultaneous optical and acoustic alarm. Built-in buzzer (75 dBA at a distance of 90cm) Optical alarm and handle vibration
Pre-calibrated sensitivity that can be modified by using an internal trimmer	
Indicator lamps for	Power on (green light)
	Alarm (red light)
	Low battery charge (blinking yellow light)
Battery life*	Optical and acoustic alarm: 40 hours typical**
	Optical and vibration alarm: 30 hours typical**
Five different alarm tones, selected from the factory, identified by the last digit of the serial number	
Operating temperature	from 5°F to 149°F (from -15°C to 65°C)
	Relative humidity: 0 to 95%

### OPERATOR CONTROLS AND SIGNALING DEVICES



The special ergonomic shape of the device allows inspection without the interference of the operator's fingers.

Manufactured in grey, shock-resistant Polycarbonate and ABS blend
Dimensions: 13.39" x 3.15" x 2.16" (340 x 80 x 55 mm)
Weight (with battery): 0.88 lb (0.400 kg)
Conforms to the international standards 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

Power supply: 90-265Vrms, 50/60 Hz, 4 W
Recharging time: 4 hours or less (complete cycle)
ON/OFF switch with indicator lamp
Connection in cascade with other similar devices (up to 20 units)
Dimensions: 3.2" x 6.1" x 3.8" (ht) - (82 x 155 x 97 mm)
Weight: 1.1 lb (0.500 kg)
Length of mains cable: 5.91 ft (1.80 m)
Length of cable for connecting units in cascade: 6.7" (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

Overall dimensions: 17.5" x 11.8" x 7" (ht) - (445 x 300 x 180 mm)
Total gross weight: 5.5 lb (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 PD140SVR

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

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