

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 SHAPE OF THE SENSITIVE SURFACE MAKES OPERATION OF THE DEVICE EASY, UNLIKE OTHER PORTABLE METAL DETECTORS

**SUPERIOR DETECTION,
ERGONOMICS,
VERY COMFORTABLE
TO USE**



V140 CARRYING CASE



www.ceia.net

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

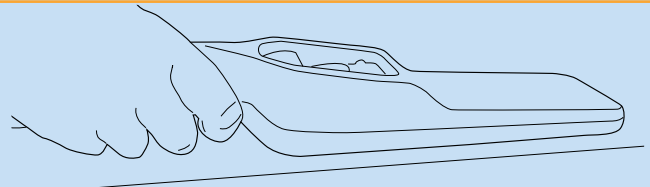
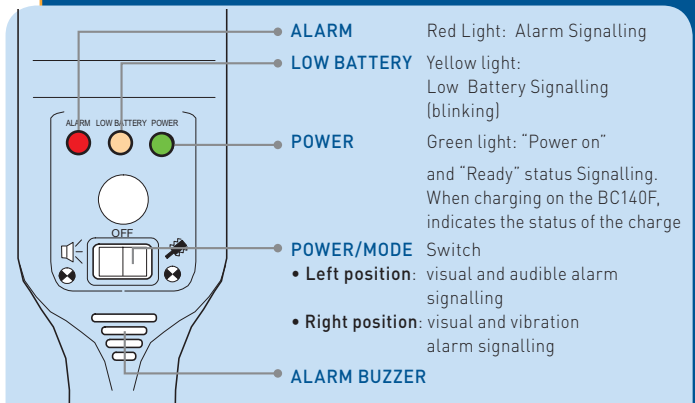
Its bidirectional detection probe allows either its lower or upper side to detect metals evenly. The special shape of the sensitive surface makes operation of the device easy, unlike other portable metal detectors.

The 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 -15°C to 65°C Relative humidity: 0 to 95%

OPERATOR CONTROLS AND SIGNALLING 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: 340 x 80 x 55 mm

Weight: 0.4 kg (with battery).

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: 82 x 155 x 97 (ht) mm
Weight: 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 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: 445 x 300 x 180 mm

Total gross weight: 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



Zona Industriale 54/G, 52040 Vicinaggio - Arezzo (ITALY)
Tel.: +39 0575 4181 Fax: +39 0575 418298 E-mail: infosecurity@ceia-spa.com