

PD140

ENHANCED HAND HELD METAL DETECTOR

FEATURE HIGHLIGHTS

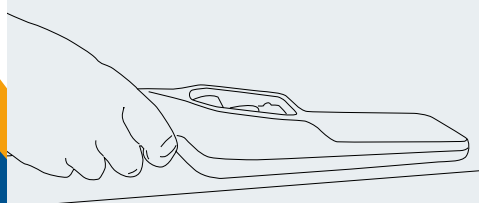
- High Sensitivity
- Detection of both Magnetic and Non-Magnetic Metals
- Optical, Acoustical and Vibration Alarm
- Long Battery Life
- Very High Reliability
- Easy to Use
- Self-Calibrating
- Fast Inductive Battery Charger (optional for PD140VR model)



SPECIAL
ERGONOMIC
SHAPE



V140 CARRYING CASE



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

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

POWER SUPPLY

PD140V: 9V dry battery
or 9V NiMH with contact charger

PD140VR: 9V NiMH with BC140F inductive charger

THREE-POSITION SWITCH WITH SELECTION OF TWO DIFFERENT ALARM MODES

Simultaneous optical and acoustic alarm.

Built-in buzzer (75 dBA at a distance of 90 cm)

Optical alarm and handle vibration

SENSITIVITY ADJUSTMENT BY MEANS OF A THREE-POSITION EXTERNAL SELECTOR

BATTERY LIFE IN CONTINUOUS OPERATION

with alkaline batteries: 150 hours max

with NiMH batteries: 40 hours max

INDICATOR LAMPS FOR

Power on (green light)

Alarm (red light)

Low battery charge (blinking yellow light)

OPERATING TEMPERATURE

-15°C to 65°C (relative humidity: 0 to 95%)

Manufactured in grey, shock-resistant Polycarbonate and ABS blend

DIMENSIONS

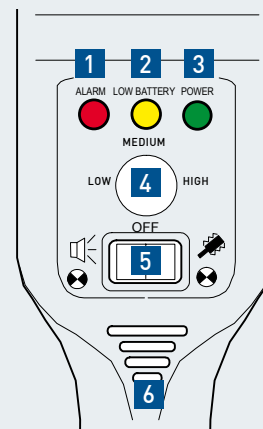
340 x 80 x 55 mm

WEIGHT (WITH BATTERY)

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

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 (h) mm

WEIGHT: 0.500 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

DIMENSIONS: 445 x 300 x 180 mm

WEIGHT: 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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