PD140E

New Generation Compact Hand Held Metal Detector

The **PD140E** is a Hand Held Metal Detector that combines high reliability and ergonomics with advanced detection and operator signaling features. Effective sensitivity to all metals, full compliance with the latest Security Standards and high immunity to external metal masses are among the main peculiarities of this new device.

- Fully Compliant with NIJ Standard - 0602.02
- Compact, Elegant, Robust and Ergonomic
- Uniform Detection of Magnetic and Non-Magnetic Targets
- Full Digital Design: Consistent Performance and Calibration-Free Operations
- Extended Continuous Operation Time
- Programmable Sensitivity
- Indoor and Outdoor Operations

Advantages & Benefits

The **PD140E** casing is made from next-generation technical polymers. These plastics offer high chemical resistance and mechanical strength ensuring a long detector life even in heavy duty conditions.

The alarm signaling modes include: optical alarm proportional to the intensity of the detection signal; acoustic alarm with a tone which is proportional to the size of the object detected; vibration alarm signal.

The **PD140E** is fully digital. Electronic functions include a magnetic field transmitter-receiver based on Digital Signal Processing (DSP) technology. This design, combined with a special printed antenna, ensures consistent performance, very high reliability and calibration-free operations.

Power Supply

• 2x AA size alkaline or NiMH, rechargeable batteries

Fully customizable control panel

• Optical, acoustic and vibration alarm modes
• 3-level sensitivity selection buttons

Battery

• Battery life: 100 + hours continuous service (AA alkaline batteries)
• Low battery indicator

Operating temperature

• -40°F to 158°F

Storage temperature

• -40°F to 176°F

Relative humidity

• 0 to 98% (without condensation)

Dimensions

• PD140E: 14.2" x 3.2" x 1.6"

Weight

• PD140E (with battery): 0.86 lbs

Color

• PD140E: light grey RAL 7040

Manufactured

• In grey shock-resistant technical polymers

Compliance

• NIJ 0602.02 and NIJ 0602.03 (draft) Standards for metal detection
• Conforms to the International Standards currently applicable for safety, EMC and applicable CE regulations

Package dimensions

• 16.1" x 2.8" x 4.9"

Package weight

• 1.2 lbs.