



DETECTOR

CMD

Applications

Handheld
Handheld

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The CEIA CMD is a high-sensitivity Compact Metal Detector designed to detect metal and minimum-metal content targets in conductive and non-conductive soils, including laterite and magnetite. The Metal Detector comprises a search head, a control unit, a telescopic pole and an elbow support all jointed together in a one-piece foldable design that allows the CEIA CMD to be operational in a very short time and to be carried easily everywhere.

Working characteristics

The CEIA CMD does not require any manual calibration; in addition, optimum sensitivity is ensured over all types of terrain due to CEIA's Exclusive Automatic Soil Compensation System. Localisation of metal objects is optimised by an Acoustic Modulation pinpointing system aided by a visual LED bar graph, which allows the position of the detected mass to be identified accurately.

Radio, audio, visual, sensitivity data

Visual display	LED display
Sensitive adjustment	1
Ground balance	1

Power supply data

Battery	2 × ANSI Standard, type C; 2 × 1.5 V alkaline (LR14); 2 × 1.2 V Ni-MH rechargeable
Low battery alert	1
Rechargeable	1
Operating time	8 hours
Battery charger provided	1
Battery charger information	integrated - The detector is equipped with a built-in Ni-MH battery charger which allows the batteries to be recharged (in 3 hours max) without the need to extract them from the unit.

Dimensional data

Length	1290 mm
Weight	2.1 kg
Search head size	350 mm
Shape	rectangular 350 mm x 140 mm
Transport case provided	1
Transport case information	soft transport bag - rigid transport case as option
Transport case weight	0.54 kg
Transport case weight info	soft bag -

Factory support data

Factory support	worldwide support
Warranty	1 year
Humidity (limitations)	no limitations - IP68 (IEC 529)
Water resistant	1
Temperature limitations	Operational: -46 to +70°C; Storage: -55 to +85°C

Other

Additional equipment	Optional accessories include the Test Pieces Set, Technical Maintenance Tool Kit, Vibration Signalling Device, Wireless Earphone Kit, Field Programming Key and Helmet Remote Display Unit.
Detectors systems in use to date	50000+
Other models	CMD UXO Version This version, specifically designed for UXO clearance operations, features a broader range of sensitivity. While maintaining the same high detection capabilities of the standard version for low metal content targets, the CMD UXO version a

Other information

Images

