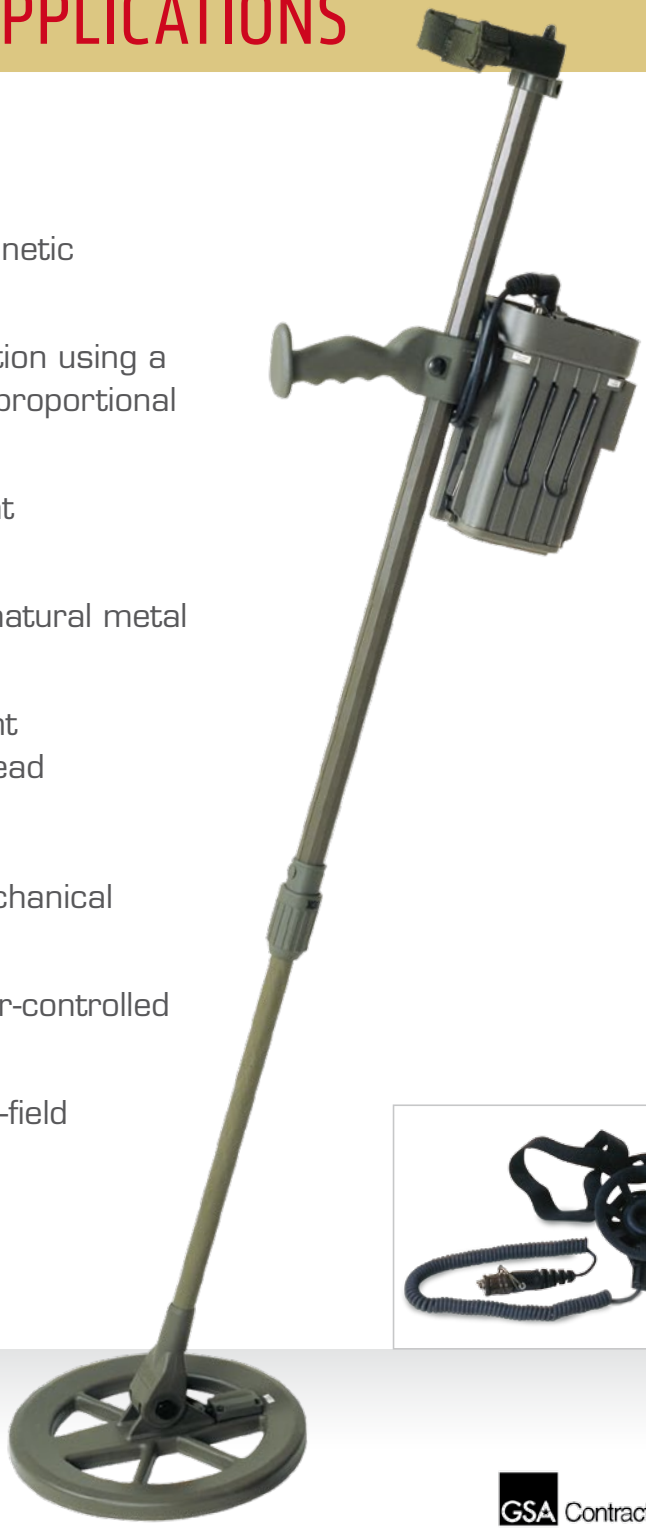
An ISO 9001 Company

MIL-D1®

STATE-OF-THE-ART DIGITAL METAL DETECTOR FOR GROUND SEARCH APPLICATIONS



FEATURE HIGHLIGHTS

- Effective detection of magnetic, non-magnetic and stainless-steel metal masses
- Accurate pinpointing of the target's position using a bitonal system and acoustic modulation proportional to the dimensions of the detected mass
- High discrimination capability for adjacent metal masses
- Compensation for mineralized and high natural metal content soils
- Static and dynamic detection independent of the speed of transit of the detector head
- Very long-lasting battery charge
- Extremely high level of electrical and mechanical Reliability
- Operation monitored by a microcomputer-controlled autodiagnostic system
- Completely digital electronics, with in-the-field program memory upgrade capability
- Ease of use with minimum training time required

CEIA® USA

GSA Contract Holder

CEIA MIL-D1®

Thanks to many years of in-depth research in the field of Metal Detection, CEIA has established itself as a primary international manufacturer of high-performance Ground Search Metal Detectors

LEADER IN PERFORMANCE AND RELIABILITY

The MIL-D1 is a portable, high-sensitivity Metal Detector designed to detect magnetic and non-magnetic metals in all soils, including laterite and magnetite. The Metal Detector comprises a detection head, a telescopic handle, an electronics unit, a canvas carry-bag and a High Impact Polypropylene Case.

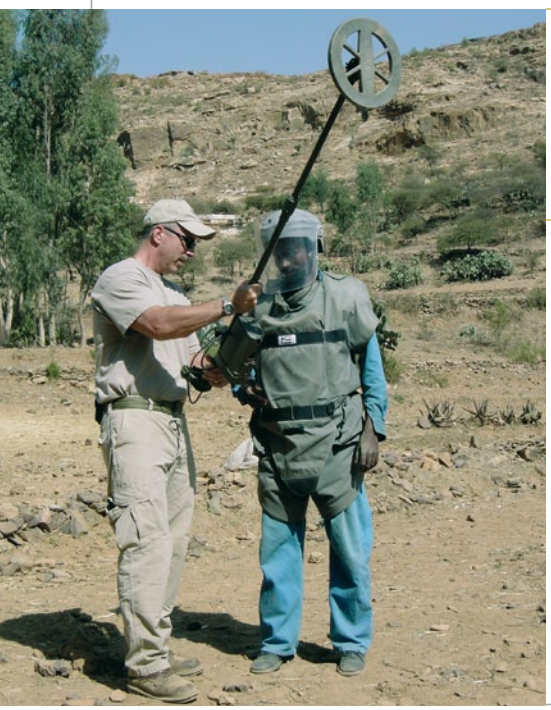
LIGHT, ERGONOMIC DETECTION HEAD

The detection head is light, and the wiring is designed to be protected from any possible damage. The electronics unit can be carried over the shoulder, attached to a belt using special hooks, or as an integral part of the telescopic handle.

EXCLUSIVE AUTOMATIC SOIL COMPENSATION SYSTEM

The MIL-D1 Metal Detector 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**. Localization of metal objects is optimized by a two-tone audible pinpointing system, which allows the position of the detected mass to be identified accurately.

The Detector is manufactured in compliance with the ISO- 9001 standard, and has been designed to satisfy the most stringent operational requirements for underground search applications.



CEIA USA provides complete support for technical and operational courses, given by certified personnel, either on site or at its own premises

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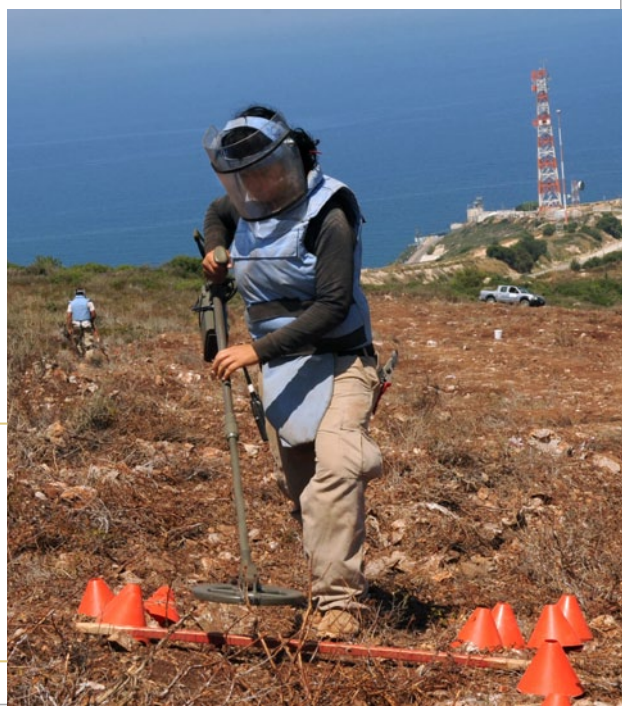
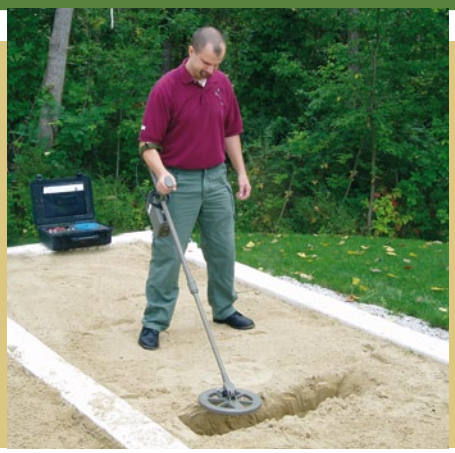
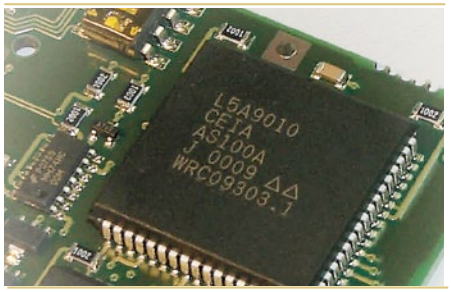




Operational tests at the CEIA USA test site

The CEIA MIL-D1® Metal Detector obtained the highest marks in controlled comparative tests for:

- Detection
- Ease of operation
- Reliability
- Ease of maintenance



Proprietary Engineering consisting of a powerful analytical engine designed exclusively by CEIA specifically for metal detection

COMPLETE SUPPORT FOR TECHNICAL AND OPERATIONAL COURSES

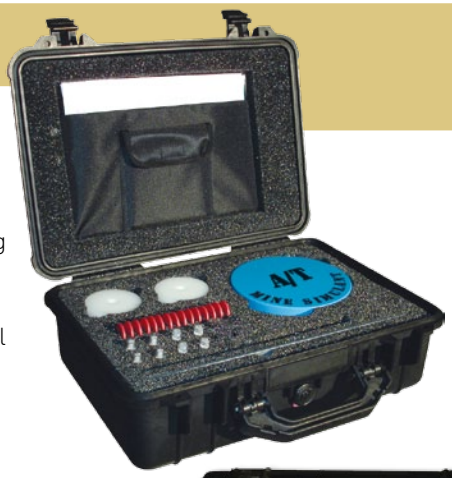
CEIA USA provides complete support for technical and operational courses, given by certified personnel, either on site or at its own premises. The curriculum includes **First and Second Line Maintenance, Training for operators and a Course for operator Instructors**.

The teaching activities are backed up by full documentation, and are divided between classroom seminars and practical work in the field.

QUALITY MEANS SAFETY

Thanks to the extensive use of robotic and automated production systems, CEIA is able to offer to the commercial market equipment that satisfies military quality and reliability standards at extremely competitive prices.

ACCESSORIES

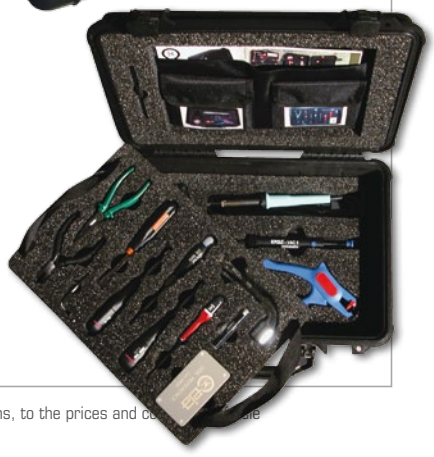


GSMD-FPK FIELD PROGRAMMING KEY

- Direct connection to the Headphone control unit connector
- Requires no external power source
- Device Updating time: ~ 3 min
- Unique design
- Very easy to use
- Most compact and rugged programming unit available
- Waterproof and reliable. No maintenance required
- Complete and accurate reprogramming of program memory and operational parameters
- Verifies automatically equipment model and compatibility

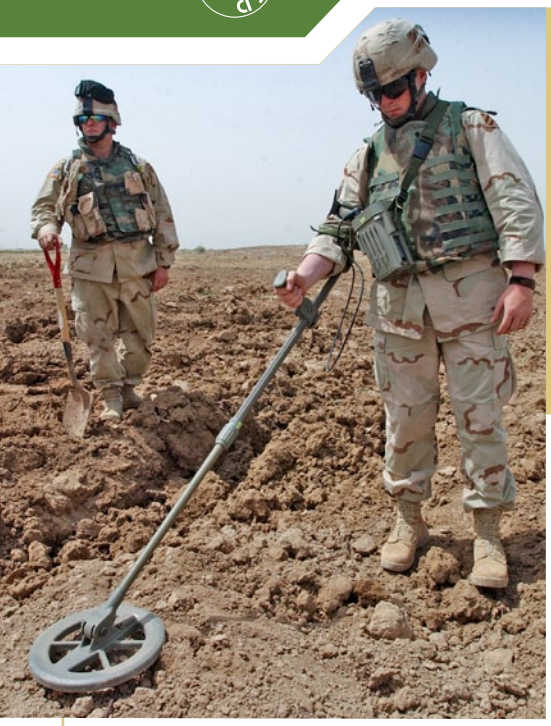
GSMD-TPS TEST PIECES SET

The Training Set includes various reference samples, **designed to test the detection of samples at different depths**. It is a versatile training tool for different detection techniques, and is also suitable for testing various metal detectors. The kit is supplied complete with Certification of Conformity to the Primary Reference Sample.



GSMD-TK TECHNICAL MAINTENANCE TOOL KIT

The Maintenance Tool Kit is a complete, self-contained tool kit designed specifically for CEIA CMD Maintainers. It includes **all tools required for any maintenance and repair requirements**. **The strong, compact, watertight case** allows the use of the Kit everywhere and in all conditions, so as to keep the device in perfect operating condition.

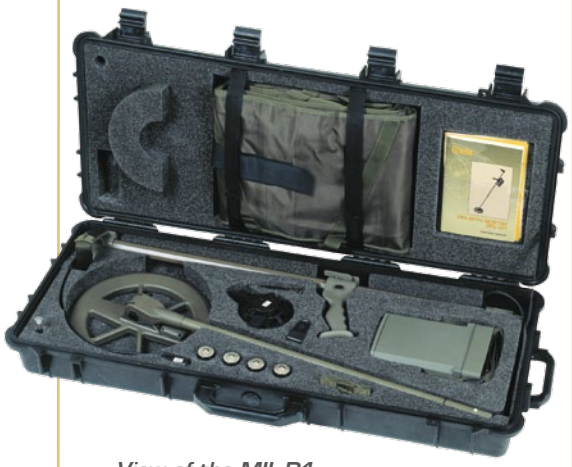


CEIA MIL-D1®

The detector is manufactured in compliance with the ISO-9001 standard and has been designed to satisfy the most stringent operational detection requirements

The electronics unit can be carried over the shoulder, attached to a belt using special hooks, or as an integral part of the telescopic handle

TRANSPORTATION



View of the MIL-D1 inside its transport case

NATO NUMBER

MIL-D1: 6665-15-1871766
MANUFACTURER: A5681

TECHNICAL DATA

POWER SUPPLY	Types of batteries (4x), ANSI Standard, type D 1.5V Alkaline (LR20) 1.2V Ni-Mh rechargeable
BATTERY LIFE	Battery life at 20°C (default search program): - with alkaline batteries: ≥ 65 hours - with Ni-Mh (9000 mA/h) rechargeable batteries: ≥ 40 hours
	Battery charge indicator
METAL ALARM	Adjustable sensitivity
	Audible alarm with adjustable volume
DIMENSIONS	**External diameter of probe head**: 11.02"
	Handle to Search Head adjustable distance: from 15.75" to 63.78" (head included)
	Electronics unit: 8.5" x 6.10" x 3.15"
	Case: 37.40" x 17.32" x 6.10"
WEIGHT	**Probe head and telescopic handle**: 3.53 lbs
	Electronics unit: 2.20 lbs (without batteries)
	Case: 16.98 lbs
	Carry-bag: 2.43 lbs
ENVIRONMENTAL	**Storage temperature**: -67°F to + 185°F
	Operational temperature: -50.8°F to + 158°F
	Meeting and exceeding the most relevant environmental Standards
LEVEL OF PROTECTION	IP68 (IEC 60529)
	Carry bag in water-resistant synthetic canvas

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