

PRODUCT INFORMATION



METEX[®] 4.250

RIGID LARGE LOOP METAL DETECTOR



proof.

PRODUCT DESCRIPTION

The METEX 4.250 is an active EMI metal detector for targets at depths up to 3.3 m. Its large search coil allows the detection of all conductive metal types regardless if you search in soil or shallow water.

Due to its larger power output the main purpose of the METEX 4.250 is to locate objects that cannot be detected by conventional mine detectors due to their larger depth.

CHARACTERISTICS

- Electro-magnetic pulse induction technology (EMI)
- High sensitivity for all kind of metals in soil or shallow water
- Automatic tracking function for soil compensation
- Simultaneous operation of multiple systems in close vicinity possible
- Detection depth up to 3.3 m depending on size, geometry, orientation of the target and soil/environmental conditions
 - 25 mm HE: up to 0.7 m
 - BLU26: up to 1.0 m
 - 155 mm HE: up to 2.5 m
 - Mk 82: up to 3.3 m

COIL

- Size approx. 1 x 1 m
- 2,5 m connection cable to control unit
- Watertight rugged housing
- 2 carrying straps for handling by 2 operators
- Optional wheel set for handling by 1 operator



CONTROL UNIT

- Analogue meter indication of target detection, soil tracking range and battery status
- Adjustable audio indication of target detection, switched off when using headphones
- Manual offset compensation
- Adjustable parameters like: transmitting power, gain, evaluation time and pulse frequency
- Carrying harness



ACCESSORIES

- Additional battery pack
- Optional headphone
- Optional wheel set

PRODUCT PACKAGES

METEX 4.250

- Control unit with carrying harness
- Coil with 2.5 m connection cable
- 2 carrying straps
- Rechargeable battery pack
- Battery charger
- Test piece
- Rugged case
- Operator manual



METEX 4.250 WITH WHEEL SET

- Control unit with carrying harness
- Coil with 2.5 m connection cable
- Probe carriage (frame and wheel set)
- 2 carrying straps
- Rechargeable battery pack
- Battery charger
- Test piece
- Rugged case
- Operator manual



TECHNICAL SPECIFICATION

METEX 4.250

Weight (Masses)	Coil : 5.15 kg Control unit incl. battery pack: 3.15 kg
Dimensions	Coil: L x W x H 1055 x 1055 x 67 mm Control unit incl. battery pack L x W x H 280 x 235 x 103 mm
Temperature ranges	Storage temperature - 30 °C to + 70 °C Operation ambient temperature - 25 °C to + 60 °C
Power supply	Voltage 12 V DC rechargeable battery pack
Operating time at 25 °C	Up to 10 hours
Protection grade	Coil IP 67 Control unit IP 65

CE-QUALIFICATIONS

European Directive 2004/108/EC: Electromagnetic Compatibility Harmonized Standards

European Directive 2011/65/EU: RoHS

DIN EN 61326-1:2013

DIN EN 55011:2011, class A, group 2

DIN EN 61000-4-3:2011

DIN EN 61000-4-2:2009

DIN EN 61000-6-2:2006

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