



M-SCAN

DATA SHEET

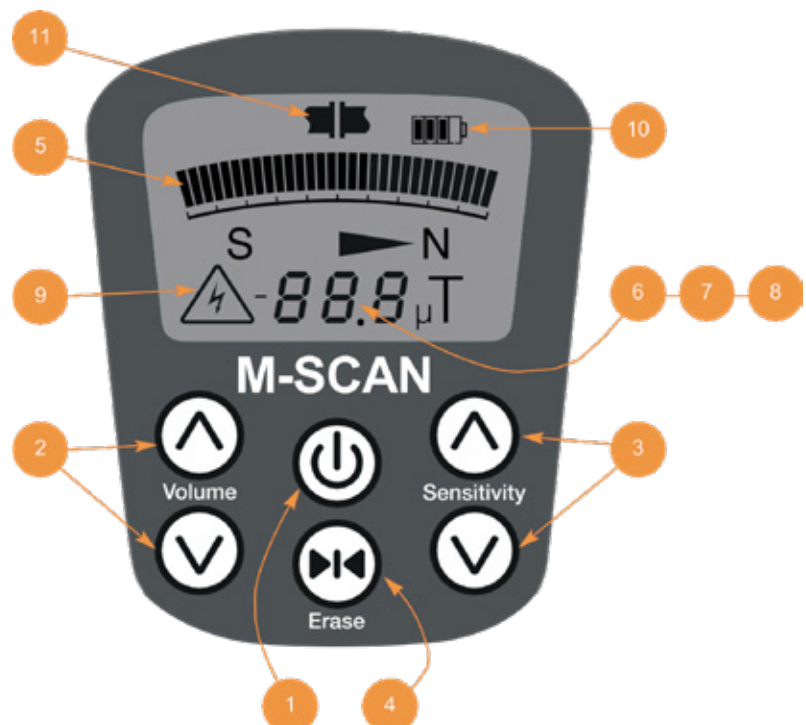
The M-Scan Magnetometer can locate buried ferrous objects such as maintenance covers, septic tanks, valve boxes, line identification markers, survey and boundary marker pegs and cast iron gas and water pipes and joints.

The M-Scan magnetometer detects magnetic fields emanating from ferrous metal objects. As such it is capable of detecting metal objects at a much greater depth than conventional Metal Detectors. It can detect objects up to 5m deep, depending on signal strength.

This makes the C.SCOPE M-SCAN ideal for locating a wide range of objects buried underground or covered by grass, gravel and snow.



1. Power On/Off
2. Volume Up/Down
3. Sensitivity Up/Down
4. Erase Button
5. Bar graph
6. Sensitivity Indicator
7. Volume Indicator
8. Digital Signal Indicator
9. Power Line Warning
10. Battery Indicator
11. Pipe Joint Symbol



Product name	M-SCAN
Part no.	M-SCAN
Detection Depth Range	5 m (dependant on site conditions)
Mains/Line Detection	Visual warning of 50-60Hz electric field
Erase Function	Background masking function allowing detection work near ferrous metal
Sensitivity	4 levels of adjustment
Detection Resolution	20nT
Controls	Volume, Sensitivity, On/Off and Erase
Display	Numeric indication of signal amplitude, Multi segment bar graph, Polarity indicator, Zero field crossing indicators, Battery level and 50-60 Hz electric field warning
Sound	8 volume levels, including mute. Frequency (pitch) varies with signal amplitude in-built loudspeaker plus 3.5mm jack socket for standard headphones.
Sensor Spacing	0.5m
Overall Length	1.09 m
Sensor Tube Length	0.73 m
Case Construction	Heavy duty high impact ABS (Water and dust resistant to IP65)
Sensor Tube Construction	Epoxy sandwich coated aluminium (Waterproof and dust resistant to IP66)
Tip Protector Construction	Heavy duty thermoplastic elastometer
Batteries	Eight 1.5v Cells, type AA, LR6, or equivalent. Alkaline cells recommended Compatible with NiMH rechargeable batteries 100 hours battery life typical intermittent use 4 segment visual bar Battery indicator
Weight	1.3 kg (with batteries)
Operating Temperature	-20 to +50°C
Storage Temperature	-30 to +70°C (batteries should be removed for storage at extremes of temperature)
Carry Bag	Protective shoulder carry case

Specification subject to change without notice.

Copyright© 2025 C.Scope International Ltd

C.Scope has a policy of continuous product development and reserves the right to change the design, specification and labelling without notice. All errors and omissions excepted.



All C.SCOPE products are manufactured under a quality system accredited to ISO9001:2015.

The information in this leaflet is believed to be correct at the time of going to press. C.SCOPE International reserve the right to change prices at any time without prior notice.

C.SCOPE

C.SCOPE INTERNATIONAL Ltd
Kingsnorth Technology Park,
Wotton Road, Ashford, Kent
TN23 6LN.
United Kingdom

Telephone +44(0)1233 629181
Email info@cscope.co.uk

cscopelocators.com