



Guartel
Technologies Ltd

MD8+

METAL DETECTOR

NSN-6665-99-727-8434

DESCRIPTION

The Guartel MD8+ is a hand held metal detector (HHMD) suitable for use by both civilian and military agencies and can be used for

- **Mine Detection/Clearance**
- **Explosive Ordnance Clearance**
- **Post Blast Scene Search**
- **Area Search**
- **Humanitarian Demining Operations**

The MD8+ utilises high-speed pulse induction to provide optimum sensitivity capable of detecting all currently deployed minimum metal AP and AT mines or small metallic targets.

Automatic in both calibration and detection it is self-adjusting to the operating environment and because of its simplicity of use requires only minimal training.

All components are integrated into a single unit obviating the need for external power packs and cables. The design and manufacture provides a rugged, sealed, water resistant and highly reliable detector capable of being operated in all climatic conditions.

novel detector head design and the LED array located on the turret helps facilitate the pinpointing of target munitions under the most difficult of conditions including the location of small targets in close proximity to large ones.

Incorporated, comprehensive automatic self-test procedures are confirmed to the operator by a confidence tone.

A minimum of 12 hours consistent operation performance from 3 quality manganese alkaline D cell batteries is ensured by an automatic power management system.



T: +44 (0)20 7384 3001

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SPECIFICATIONS

Electronics	Single 2.4mm PEC double sided employing surface – mount technology. Processors 2 x RISC based 8 BIT incorporating ADC
Batteries	Quantity 3 dry cells IEE LR20 Manganese Alkaline
Battery Life	At maximum sensitivity - 12 hours At medium and low sensitivity - 18 hours
Soft Case (Haversack)	Black Cordura weatherproof construction
Transit Case	Storm Case with custom foam cut out
Transit Weight	10kg
Operating Weight	2.3Kg
Operating Length	Maximum 1560mm, Minimum 1120mm
Detection Performance	Type 72 APM - 100mm, 9mm bullet case 250mm
Maximum Useable Detection	0.05g. Stainless steel at 75mm
Temperature	-25°C to 60°C (operation and storage)



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E: info@guartel.com

W: www.guartel.com

Head Office and R&D

4 Ravenscroft Court
Buttington Cross
Welshpool
Powys, SY21 8SL
United Kingdom

Production Facility

Unit 8-11 New Forest Enterprise Centre
Rushington Business Park
Chapel Lane
Totton, SO40 9LA
United Kingdom

CAGE Code: U4586

DUNS No: 641176024

VAT No: GB287064870



www.guartel.com