

GroundHunter MHDS

Hand-held IED detector with interchangeable sensor heads



GroundHunter Multi-Head Detector System (MHDS) is the world's first IED detector to have interchangeable command wire and metal detection heads. This allows search teams to respond rapidly to changing search requirements. Using the same stock the system benefits from a common user interface, is quickly reconfigurable and allows the addition of future sensors.

OPERATIONAL FLEXIBILITY

GroundHunter MHDS is the only IED detector with interchangeable heads to detect both command wires and metal. This provides search teams with the ability to adapt to the threat environment.

REDUCED SOLDIER BURDEN

The system is lightweight and collapsible to allow multiple heads to be carried by a single operator.

REDUCED TRAINING BURDEN

By using the same stock, the user interface is common to all heads which significantly reduces the training burden.

FUTURE CAPABILITY

The system is designed to readily accommodate new sensor heads as they are introduced, either to detect new threats or incorporate new technologies.

GroundHunter MHDS delivers capability today and through-life, protecting your investment into the future.

DEPENDABLE AND TRUSTED

With over 40 years' experience in designing and building military sensors and systems, Chemring is a supplier to armed forces throughout the world. Continuously introducing market firsts, our history of developing unique, patented technologies allows us to bring world-leading products to our customers.

Groundhunter MHDS

COMMAND WIRE DETECTOR

The CWD head detects command wires over 20 metres in length, independent of orientation.

The advanced technology used in the command wire detector is a system which incorporates its own transmitter and receiver. This significant innovation eliminates the need to store, deploy and operate a separate transmitter. This allows search operations to deploy quickly and reduces the total cost of ownership compared with traditional command wire detection products.

METAL DETECTOR

The MD head detects both ferrous and non-ferrous metals using Pulsed Induction techniques.



KEY SPECIFICATIONS

Operation	Value
Compacted Dimensions	485 x 201 x 143 mm
Battery Life (typical)	>8 hours
Sweep Speed (typical)	0.5 – 1.5 m/s
Environmental	DEFSTAN 00-35 IP67
Operational Temp	-19°C to +55°C

Stock	Value
Dimensions	485 x 181 x 111 mm
Adjustable Length	485 mm – 983mm
Batteries	6 x AA - Standard or Rechargeable
Weight	1.55 kg
User Interface	Visual: 10-bar LED, Audio: Loudspeaker or Headphones, Tactile: Vibration

Detector Heads	Value
Dimensions	429 x 201 x 99 mm
Weights	0.85 kg (CWD) 0.9 kg (MD)
Approx Detection Area	285 x 201 mm



ORDERING

Description	Stock Number	NSN
MHDS Kit (1 x Stock, 1 x CWD, 1 x MD, transit case, soft case)	800-3226	TBD
MHDS Universal Stock	800-3249	6695-99-272-3330
MHDS Command Wire Detector Head (CWD)	800-3224	TBD
MHDS Metal Detector Head (MD)	800-3218	TBD

Chemring Technology Solutions Ltd

Roke Manor, Old Salisbury Lane, Romsey, Hampshire, SO51 0ZN, UK

T: +44 (0)1794 833000 • F: +44 (0)1794 833433

www.chemringts.com • info@chemringts.com

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