

TWIN TELEMETRY MWD (TTM)

choicedirectional.ca

Hunter Integrated Twin Telemetry

Utilizing Twin Telemetry MWD (TTM), that's EM and Positive Pulse, Operators can drill ahead while others spend rig time tripping to change MWD.

True Twin Operation

Unlike other Dual tools, the TTM operates simultaneously. No time is wasted "switching" between systems... it's actually as simple and as fast as "ALT + TAB"! If formation prevents EM signal detection or LCM prevents pulse operations drilling can still continue.

Engineered for the Operator

Simple operation and intuitive software reduces issues and shortens training time. The complicated math and physics have been developed into the tool. With a quick selection of frequency and power level, the operator is ready to run.

Specification of Hunter Integrated

Physical

Tool Type: EM and Positive Pulse
Platform: Tensor

Electrical

Operating Voltage 18-36V
Power Consumption >400 hrs in typical 10 Ohm formation
Power Output 10-20W
Operating Frequency 2-10 Hz

Environmental

Max Temperature 150 C
Shock 1,000 g/.5ms
Vibration 30-500 Hz 20G

Leading Magnetic Design Ltd. (LMD) is a leading developer of advanced electromagnetic signal generation and detection equipment. Design is based on leading edge scientific theory.

Peace of Mind

Capture the time savings of EM operations. Advanced data encoding, transmission, built in filtering and noise cancellation ensure success.



EM is primary and Positive Pulse is secondary. Knowing that where the formation is not EM friendly you have Positive Pulse to back you up.

Retrievable

Be confident knowing the tool can be retrieved, saving costs of Lost In Hole events.



Low Power Consumption

TTM incorporates Adaptive Power Management. Unlike other systems, power consumption will not hold you back or reduce run times. Using 75% less power than other systems on the market results in fewer trips, less batteries and more meters drilled! Stay on bottom longer. Integrated monitoring of output to the formation and continuous automatic adjustment to lithology allows for true power conservation and optimal signal into formation.



Wireless Receiver Technology

Non-polarizing electrodes isolated from the noisy rig environment wirelessly report data received from the downhole transmitter. The wireless receiver can be located a significant distance from drilling operations.

CHOICE
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Choice Directional Services Ltd. (CHOICE) is a full service directional Drilling company operating through out Canada. It has a proven track record of TTM operations and is a leader in its application.