

PRODUCT SPEC SHEET

MagTracer - Active Ranging System

Scientific Drilling's MagTracer Active Ranging System is an innovative real-time magnetic ranging tool that is ideal for precision wellbore placement and complex cased hole logging applications.

This leading edge solution provides seamless integration with SDI's Falcon EM and MP MWD systems to determine the distance and direction between wellbores with exceptional accuracy, ensuring an efficient and effective operation compared to other ranging techniques.

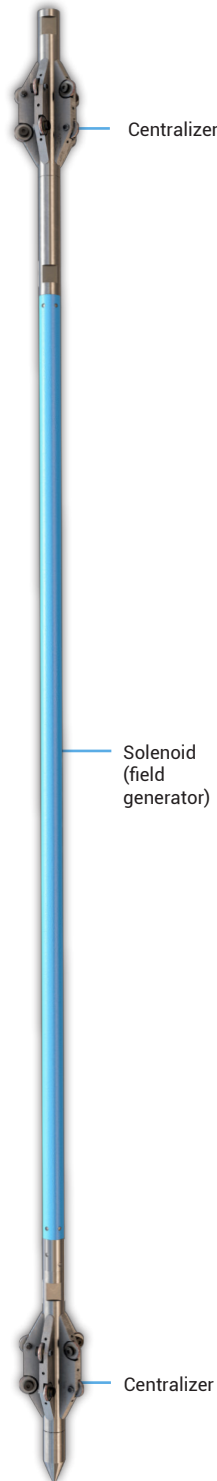
DELIVERING THE ULTIMATE VALUE

- Stand alone tool design requires no additional downhole electronics - allowing optimal performance in temperatures up to 482°F (250°C)
- Combines with an electromagnetic field generator, to pinpoint the location of the wellbore with greater accuracy
- Minimized tool diameter, enabling deployment in concentric completion strings and small wellbore architectures
- Supports full integration with directional well planning software, delivering an advanced 3D visualization of the wellbore's position
- Proprietary pass through communication capabilities allowing multiple cased hole logging tools to be deployed on a common run for real-time pressure, temperature, gyro, bond and casing collar location while ranging

TARGET APPLICATIONS

The MagTracer system is suited for a wide range of precision wellbore placement applications and environments including:

- Steam Assisted Gravity Drainage (SAGD)
- Redrills and Mature Well Replacement
- Infield & Pad Drilling
- Toe-to-Heel Injection
- Collision Avoidance
- Cased Hole Logging
- High Temperature Drilling



TECHNICAL SPECIFICATIONS FOR 1.9 IN STANDARD TOOL*

TOOL SIZES	1.90 in (standard), 1.66 in, 3.50 in
MINIMUM TUBING ID	2 3/8 in
LENGTH	15.45 ft (4.71 m)
WIRELINE	Mono Conductor
CONNECTIONS	1 3/16 in - 12 GO - Head
OPERATING TEMPERATURE	437°F (225° C)
SURVIVAL TEMPERATURE	482°F (250° C)
MAX OPERATING PRESSURE	15,000 PSI
ACCURACY FROM 5 - 15M	1 - 3 %
ACCURACY FROM 15 - 25M	3 - 5 %
MAX RANGE	246 ft (75 m)
RECEIVER	SDI Falcon MWD (EM or MP)

Specifications are subject to change without notice. *Please consult with your local SDI representative for specifications on the 1.6 6 in and 3.5 in MagTracer tools.

Updated March 2016

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