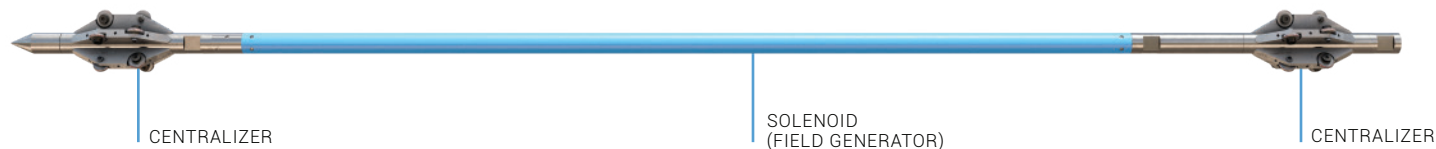


# MagTracer

ACTIVE RANGING SYSTEM

AN INNOVATION IN REAL-TIME  
ACTIVE RANGING TECHNOLOGY





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 mud pulse MWD systems to determine the distance and direction between wellbores with exceptional accuracy, ensuring more efficient and effective operations 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

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

## PRODUCT SPECS

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