

Teledrift ProShot Tool

The Teledrift™ ProShot™ measurement-while-drilling (MWD) tool is a self-contained tool that uses positive mud-pulsing technology to provide inclination and azimuth measurements for vertical downhole drilling. The tool arrives at the rigsite assembled and loaded into the drill collar, ready to be integrated into the bottomhole assembly by the rig crew. This preassembly, which eliminates the necessity of onsite construction, reduces downtime. The ProShot tool is made of robust materials to promote longevity in the field and ensure that washing from mud flow is minimized. This enables longer, more accurate runs.

Mechanical Specifications

Outer diameter	1.875 in. (47.6 mm)
Standard length	89.85 in. (2282.19 mm)
Nominal sensor point	32.5 in. (825.5 mm) from absolute bottom of tool
Weight	22.5 lb (10.2 kg)

Operating Specifications

Max. operating pressure	15,000 psi (10.34 MPa)
Max. operating temperature	302°F (150°C)
Battery life	Approximately 500 hr
Max run length	Approximately 500 hr

Sensor Specifications

Inclination range	0 to 49.9°
Inclination accuracy	±0.2°
Inclination resolution	0.1°
Azimuth range	0 to 359°
Azimuth accuracy	±1.8° at >5° inclination
Azimuth resolution	1°

