

Tolteq Hellfire Top-Mount Pulser

Don't rely on mud pulse technology that was developed in the 90s. When you're looking for the best pulser technology for your measurement while drilling (MWD) configuration, demand it by name: The Tolteq™ Hellfire Top-Mount Pulser (TMP). The Tolteq Hellfire TMP is optimized for today's drilling applications and is the culmination of years of innovation and engineering.

Designed to withstand LCM-heavy applications, the Hellfire TMP will effortlessly dispense with a variety of mud weights and content. It is compatible with Tool Tracker™ software and logs multiple downhole variables. The TMP's ruggedized design increases reliability in the harshest of downhole environments. The Hellfire TMP's unique pressure assisted pulser replaces older motor driven designs traditionally used in TMPs, greatly improving battery life in longer runs without sacrificing performance.



Features and Benefits

Strong, consistent pulses with three flow options (400/700/1,200 GPM)

- Virtually eliminates LCM issues while freeing up the critical downhole end

Protected wiring for superior resistance to vibration

- Handles extreme environments

Simple design adopts several iSeries parts and sub-assemblies

- Simplifies maintenance and offers a straightforward oil fill

Tool Tracker integration

- Provides access to logged tool history and environmental data with an upgrade path through future firmware updates

Efficient, solenoid-based technology

- Eliminates the need for a power-hungry motor drive and extends battery life
- Up to two joules of energy per pulse produced

Up to 4.0 bps data transmission under ideal condition

General Specifications

Physical/Electrical

Length.....63.8 in. (1.62 m)

Tool Size/Flow Rate

	Low Flow	High Flow
TMP400.....	175-350 GPM.....	200-400 GPM
TMP600.....	300-500 GPM.....	400-700 GPM
TMP800.....	600-900 GPM.....	800-1200 GPM

Environmental

Operating temperature.....32 to 347°F (0 to 175°C)
Survival temperature.....-40 to 365°F (-40 to 185°C)
Vibration (3-axis).....20 g RMS, 15 to 500 Hz
Shock.....1,000 g, 0.5 mS, half-sine