

# E-Totco

## Electronic Drift Survey Tool



### Reduce rig time to perform survey measurements and improve efficiency in vertical drift applications

The E-Totco™ electronic drift survey tool is a state-of-the-art electronic drift indicator that offers a more intuitive user experience while enabling increases in accuracy and reliability. Advancements in technology help the E-Totco tool drive reductions in overall survey time and costs in vertical drift applications, especially when compared with conventional mechanical controlled vertical drilling (CVD) instruments.

The E-Totco drift tool, which is part of our M/D Totco™ family of data acquisition and information management products, is a drop-in replacement for all vertical mechanical CVD instruments. The compact, robust electronic package is designed to be used with the standard NOV pressure barrel (Go-Devil).

The E-Totco tool's multishot capability also allows for up to 64 surveys per run; additionally, multishot surveys while tripping out of hole allow drillers to avoid nonproductive time caused by stuck pipe and enable the ability to drop the tool at total depth and take surveys while tripping out.

To learn how our E-Totco tool can reduce rig time needed to perform survey measurements and improve efficiency in a wide variety of applications, contact your local NOV representative or visit us online at [www.nov.com](http://www.nov.com).

### Features and Benefits

#### Survey quality assurance

- Calculates precise inclination accuracy and displays and prints the actual survey accuracy
- Eliminates uncertainty as to the quality of the survey

#### Survey on demand

- Eliminates guesswork surrounding survey time
- Reduces the risk of a missed or moving survey

#### Enhanced temperature reporting and capabilities

- Allows easier monitoring of well temperature
- Enables driller to correlate well temperature with E-Totco temperature recorded during each survey
- Increases depth capability at temperatures up to 302°F (150°C)

#### Increased resolution and accuracy

- Produces 0.05% repeatability of survey records and 1% reading accuracy ( $\pm 0.1^\circ$ )

#### RigSense™ compatibility

- Eliminates the need to manually print and fill out reports
- Allows all survey records to be easily stored and accessed