



Simplifying SURVEYS

ELECTRONIC SURVEY SOLUTION

The **Drift-O-Matic** survey tool is a precision instrument designed to provide accurate inclination surveys. The system self-calibrates at the same time as the survey is taking place, eliminating any temperature related drift errors.

To provide the highest possible reliability, every system includes two sensors and two user interfaces. This means you never have to shut down while you wait for a spare part to be couriered out to the rig.

Having an extra sensor provides an excellent means of double checking unexpected results.

The fully electronic design has proven itself in the field to be more reliable than delicate mechanical systems.

Save time by not having to load and unload paper discs into and out of the survey clock. No more peering through a magnifying lens trying to interpret pin holes on a paper disc.

- Self Calibration eliminates temperature drift.
- Accuracy is +/- 0.1° over full temperature range.
- 65° range, highest range in the industry.
- Automatically detects bottom, saving time.
- Redundant survey database.

 **Taylor Oil Tool Inc.**
Inventors of Drift-O-Matic

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Reduce
Costs
Simply
Reliably



Time saving **AUTO MODE** that works

SAVES VALUABLE RIG TIME BY AUTOMATICALLY DETECTING BOTTOM.

There is no longer any need to guess how long the trip down will take and then add minutes to make sure you are on bottom before the shot is taken.

Custom built, tool-less, running gear. Hammering the connection tight is not necessary. A double o-ring system is used to seal the barrel, hand tightening is all that is required.

PRINTED SURVEY

- Unique Survey Record ID
- Survey Depth
- Survey Inclination
- Rig Information Field

A sturdier design reduces the need for an optional sinker bar, ordered separately. And to further speed up the survey, a unique, 1/4 turn quick connector disconnects the running gear from the slickline.

reliability and simplicity for your surveying needs

DRIFT-O-MATIC SPECIFICATIONS

- Measurement Range: 64.9°
- Accuracy 0-45°: +/- 0.1°
- Accuracy 45-65°: +/- 0.2°
- Battery Lifespan: 5 years *
- Operating Temperature: 65°C/149°F
- Max Temp. for 30 min.: 95°C/203°F

* Can vary depending on storage temperature.

RUNNING GEAR DIMENSIONS

- Tool Length: 1.85 meters (73")
- Tool Weight: 12.7 Kg. (28 lbs.)
- Tool O.D.: 41.3 mm (1 5/8")
- Pressure Rating: 69 MPa (10,000psi.)



DRIFT-O-MATIC TOOL

The sensor can measure angles up to 65 degrees, a much wider range than any other system. This means one tool can meet all your drift surveying needs.



INTERFACE

The hand held interface provides a very user friendly and simple means of setting up or reading a survey. The exact survey reading is displayed on an easy to read backlit LCD display.



PRINTER

A rugged 'zero maintenance' portable printer is included with every system to allow a hard copy of the complete survey record to be produced at the end of each well.



USER FRIENDLY AND FIELD PROVEN ELECTRONIC DESIGN.

Setting up a survey takes less than 10 seconds. Reading a survey takes even less time.

LET US SHOW YOU.