



## E-SET™

This product may be covered by one or more patents or pending patent applications.

### INNOVATION REVEALED

The Electric Setting Tool™ is an e-line conveyed, non explosive setting tool. As the name suggests, it is purely electrical driven without the need for power charges, igniters, hydrostatic pressure, or oil. With a maximum energy draw of 1.9 amps at 600 VDC it may be run on the bottom of a conventional wireline bottomhole assembly. The tool is designed to make 500 runs without the need to be redressed, eliminating middle of the night redress jobs on location. It is also capable of recording time as well as plotting energy usage level.

### Features

#### Safety & Environment

- Removes the need for handling of live explosives
- Removes the need to bleed high pressure gas on surface after each run
- No oil, no soot, no redress design

#### Eliminates

- Added cost of power charges & igniters
- On location setting tool redress
- The need for multiple setting tools on location
- The need for explosive licensing
- Oil level mistakes
- Storage and inventory of explosives

#### Compatibility

- Compatible with Titan ControlFire switch systems
- Compatible with most conventional safe perf systems
- Direct replacement for conventional setting tools
- Will not harm conventional wireline equipment
- Uses standard shooting sub connections
- Can be plugged in to conventional 110v wall outlet
- Uses thread crossovers to adapt to most conventional plug & packer setting equipment

#### Risk Mitigation

- Computer controlled stroke speed delivers a consistent, precise toolset
- Allows more time to be spent preparing the plug or packer instead of the setting tool
- Faulty setting tool redress due to operator fatigue on location
- Clear indication of full stroke achievement on surface during toolset

#### Data Collection Capabilities

- Current
- Stroke count

Tool O.D. inch (mm)	Length inch (m)	Force Output	Maximum Stroke Length	Maximum Energy Consumption	Maximum Environmental Conditions
3.125	87"	33,000 lbs	8"	1.9A at 600VDC	10,000 PSI/250F
3.8	97"	45,000 lbs	8.75"	1.9A at 600VDC	15,000 PSI/300F

For more information, and to find a representative near you, visit [nineenergyservice.com](http://nineenergyservice.com)