

# DANIEL OILFIELD TOOLS, INC.

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## Product Overview

Because primary explosive igniters are very sensitive to stray voltage exposure, electrostatic discharge (ESD), and radio frequency (RF), or unintentional initiation caused by human error; they can often easily be triggered to explode, causing unsafe environments in an Oil and Gas setting.



An electrical igniter equipped with a built-in protection circuit provide the safety required for personnel and field engineers. Unlike conventional resistorized Igniters, this Electric Igniter uses a spark gap circuit and a shunt Capacitor to fire the fuse.

### **BENEFITS**

Safe against RF: unparalleled safety against high-frequency irradiation

High Standoff Voltage safety: far superior to resistorized igniters

ESD protected: unaffected by electrostatic discharges, e.g. in the human body

Safe against induced power caused by lightning: immune to stray current from a lightning strike when Severing Tools and Gun Systems are in the hole