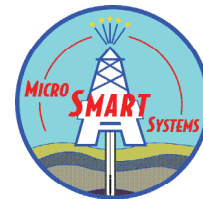


# SST-800

# For 3½" Tubing



## Downhole Electronic Shut-In Tool

Play it Smart!

- **Reduce the CO\$T** of buildup testing.
- **Dramatically Improve Data Quality** in difficult well conditions.
- **Feel Confident** with industry leading reliability.

The **SST-800** Downhole Electronic Shut-In Tool from **Micro-SMART Systems** automatically shuts-in your well near the sand face, removing wellbore storage effects that can reduce data quality while minimizing costly production downtimes.

### **SMART** Features:

- All Stainless-Steel construction for maximum corrosion resistance and durability
- Fast closing time - less than 60 seconds
- Internal test firmware delivers audible signal and valve movement to confirm proper operation prior to use downhole
- Switch selectable shut and open sequences without using a computer.
- Custom computer programming with up to 20 shut/open sequences

Our "**SMART**" switch programmable electronics means "no computer required" to prepare the tool for a standard shut and open sequence. Simply select the duration of the flow period and duration of the buildup period. It's that easy.

Multiple shut/open sequences, up to 20, may be programmed into the **SST-800** allowing more elaborate production tests to be performed. Programming is accomplished by using any Windows PC and **Micro-SMART's** user friendly software.

The **SST-800** incorporates a proprietary seal design to allow the tool to operate and seal properly in a wide variety of downhole conditions. Our innovative flow passages are designed to optimize flow, virtually eliminating the "choke" effect.

**Micro-SMART Systems** also provides a mechanical equalizer, shock reducing and centralizing hardware, and a variety of dependable, field proven pressure gauges to acquire precise build-up data. The **SST-800** is run below a customer supplied lock mandrel.

Your **SMART** choice for cutting-edge technology and superior customer service is **Micro-SMART**.



### SPECIFICATIONS:

**Outer Diameter:** 2.50" (63.5mm) maximum

**Inner Diameter:** 1.75" (44.5mm)

**Flow Area:** 2.4 in<sup>2</sup> (6.1 cm<sup>2</sup>)

**Operating Temperature:** 32° F to 305° F\*  
(0° C to 151° C)

**Max. Pressure:** 15,000 psi (103,000 kPa)

**Max. Differential Pressure:** 10,000 psi (69,000 kPa)

**Power Supply:** 18V 5 'C' Lithium Pack – 20 cycles\*

18V 5 'C-C' Lithium Pack – 40 cycles\*

\*dependent on test conditions

**Length:** 64.1" (1.6m) with short battery pack  
74.6" (1.9m) with long battery pack

**Weight:** 28 lbs. (12.7kg)

**Top Connection:** 2.813 X-Lock Box  
(2 – 1/4" - 12 SLB Box)

**Bottom Connection:** 5/8" Sucker Rod Box  
(15/16" - 10 UN Box)