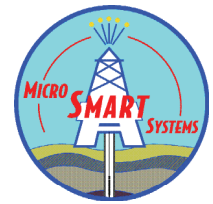


SST-500

For 2³/₈"-2⁷/₈" 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-500** 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-500** 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-500** 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-500** 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: 1.75" (44.5mm) maximum

Inner Diameter: 1.12" (28.4mm)

Flow Area: 1.0 in² (2.5 cm²)

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

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

Max. Differential Pressure: 5,500 psi (38,000 kPa)

Power Supply: 18V 5 'C' Lithium Pack – 20 cycles*
18V 5 'C-C' Lithium Pack – 40 cycles*

Length: 62.3" (1.6m) with short battery pack
72.8" (1.8m) with long battery pack

Weight: 23 lbs. (10.4kg)

Top Connection: 1.875 X-Lock Box
(1-3/8" –14 UN Box)

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

*dependent on test conditions