



# Downhole Shut-In Tool for 2<sup>3</sup>/<sub>8</sub>" - 2<sup>7</sup>/<sub>8</sub>" Tubing (**SST-500**)

The **SST-500** Downhole Electronic Shut-In Tool from **Micro-SMART Systems** automatically shuts-in your well near the sand face or perforations, removing wellbore storage effects that can reduce data quality while minimizing costly production downtimes.

## Benefits

- ◆ Innovative flow passages are designed to optimize flow, virtually eliminating the "choke" effect.
- ◆ All Stainless-Steel construction for maximum corrosive 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 steps for test
- ◆ Mechanical Equalizer Provided
- ◆ Shock Reducing and Centralizing Hardware

Length	62.3 in. (1.6m) with short battery pack 72.8 in. (1.8m) with long battery pack
Outer Diameter	1.75 in. (4.5 cm) maximum
Inner Diameter	1.12 in. (2.84 cm)
Flow Area	1.0 in <sup>2</sup> (2.5 cm <sup>2</sup> )
Operating Temperature	32° F to 320° F* (0° C to 160° C)
Maximum Pressure	15,000 psi (103,000 kPa)
Maximum 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*
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

