

**STCU – Slim Tension Compression Unit**



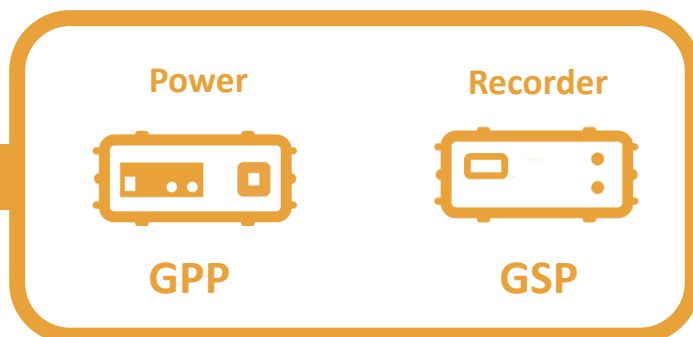
**Main Features**

- Slim 1 11/16" (43mm) Outside Diameter Tool compatible with GeochainSlim Systems.
- Tension and Compression measure on wireline.
- Real time surface read out with ACQ software.
- High Accuracy.
- Operation in hostile well conditions.

**Functionality**

- The STCU Tension Compression Unit is a device designed to accurately measure the load on the wire line at the top of the GeochainSlim™ string.
- The unit operates throughout the survey with real time surface read out, providing the seismic engineer with an invaluable tool to detect and prevent receiver hang up.
- The load measurement is achieved by means of a spring balance situated within the housing. Mounted directly below the telemetry adapter section (STAS) of the tool string, the STCU output voltage is digitised and transmitted by the STAS and displayed at surface within the ACQ software.
- All STCU components in contact with borehole fluid are corrosion resistant, and not sensitive to hydrogen embrittlement. Any items requiring service can be easily replaced with the minimum of disassembly.

**SURFACE PANELS**



**LEADERS IN BOREHOLE SEISMIC TECHNOLOGY**

*STCU Specifications*

<b>Loading:</b>	The unit can measure tension or compression load in the range – Compression: Up to 2500lbs Tension: Up to 5000lbs, Damage free load limit: 20,000lbs
<b>Accuracy:</b>	Better than 2% of full scale across the range of temperature and pressure.
<b>Length:</b>	44.7" (1160mm)
<b>Weight:</b>	20.5 lbs (9.3kg)
<b>Diameter:</b>	1 11/16" (43mm)
<b>Max Operational Temperature:</b>	392°F (200°C)
<b>Max Operational Pressure:</b>	20,000psi (1380 bar)

