



# WITS™

Torque Sub

# WITS™

Wireless Information  
Technology System

## Accuracy

The WITS™ Torque Sub is built with integrity and precision, making it reliable, accurate and easy to use. The WITS™ records with an accuracy of  $\pm 1\%$  of full scale, providing the operator better numbers to make better decisions.

## Remote Data Access

Access your data remotely to view and analyze connections with our software. Simultaneously cast the data to a rig's data management system.

*Outrun the competition with Cheetah* 

## Data Reliability

Data values are encrypted at the first stage of sensor readings. Personnel cannot change any data recorded by the sub. The WITS™ features on board data storage, proprietary Wi-Fi communications via a private network, and cloud data backup to ensure your data is secure.

## Continuous Data Recording

Nothing happens without the software recording it. Whether making up a connection, breaking one apart, attaching completion tools, or anything in between, the software seamlessly records it all.





### Hazardous Location Rating

Class 1 Division 1, Class 1 Zone 1  
IECEX / ATEX Zone 1



### Data Reliability

On-board data storage and encrypted data transfer



### Designed to

API 7-1 & API 8C



### WiFi / Access Point

Secure data link via private network



Part #: 800250



Part #: 100701-X



Part #: 100641-BSC

Model	WITS 1C			WITS 3C		WITS 2C
<b>Design Specifications</b>						
Connection (default)	NC 50	6 5/8" API REG		7 5/8" API REG		8 5/8" API REG
Load Rating (per API 8C)*	425 ton	500 ton	750 ton	750 ton	1000 ton	1250 ton
Torque Rating	55,000 ft lbs	65,000 ft lbs	85,000 ft lbs	85,000 ft lbs	105,000 ft lbs	125,000 ft lbs
<b>Data Recording Accuracy</b>						
Tension & Compression	± 1% of Full Scale					
Torque	± 1% of Full Scale					
Turns	2,000 pulses/revolution					
RPM	up to 300					
Temperature Reading	± 1°C					
Wireless Signal Range	200 foot (61 meter) radius					
<b>Other Specifications</b>						
Ambient Operating Temperature	-40°F to 158°F (-40°C to 70°C)					
Battery Life**	Approximately 75 days (1800 hours)					
Data Transmission Type	WiFi 2.4 GHz, fully encrypted					

\*US Short Tons. \*\*Continuous running at 0°C (32°F) / Performance may vary depending usage and temperature.

SLS-01-R4

