



## STW Series Full-Automatic Torque Tester

STW Series Full-Automatic Torque Tester adopts advanced electronic technique and mechanical drive with accurate loading speed and test range.High precision and sensitivity for loading, deformation, angle test and control.

### Characteristics

- 800x480 pixel, TFT colorful screen with touch functions, peak/real-time value/force curve display at the same time, monitor the test process.
- Different test mode for different test requirements : manual, constant torque, constant angle.
- Save 10 test value and 3 groups curve test.
- Three unit option: N,kgf,lbf, automatic exchange.
- Automatic back to start location after test finish.
- Digital servo drive system, high efficient drive, low noise and good stabilization.
- High accuracy sensor, promise test precision.
- Automatic off mode without any operation, time is set freely.

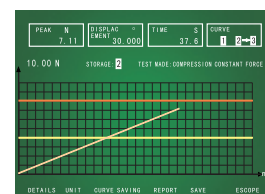
### Parameter

Model	STW-500
Capacity	500N.m
Resolution	0.05N.m
Torque test range	2%~100%FS
Torque accuracy	±1%
Test speed	0.001~1.5rpm
Speed accuracy	±1
Angle range	-9999.99°~9999.99°
Angle resolution	0.01°
Sample length	500mm
Power	AC 220V
Dimension	1520×400×750mm
Weight	About 260kg

Note : Other model could be customized according to requirements.



STW Series Full-automatic Torque Tester



Display interface

## STH Series Locking Force Tester

The locking force tester is especially designed for efficient force and torque test of steel hexagon nut according to GB/T3098. 9. It is suitable for efficient force and torque testing of steel hexagon nut and hexagon nut. It equips dynamic torque sensor and clamping force sensor at the same time. Every test could finish torque and clamping force once; Test software included, connection to computer for viewing; torque and force dynamic change, simplify test data analysis and improve test efficiency.

### Characteristics

- Optimize structure design, convenient test, high-speed, accurate.
- High-power drive device, high-efficiency, reliable and accurate test.
- Force and torque double sensor, finish torque and clamping force once.
- Torque and force display on, double, screen, visual and convenient.
- Torque and force software equipped, monitoring test status.

### Parameter

Model	STH-300K
Dynamic torque capacity	100N.m
Torque resolution	0.05N.m
Torque accuracy	±2% inside
Torque test range	10%-100%
Clamping force capacity	300KN
Force resolution	0.1KN
Force accuracy	±2% inside
Force test range	10%-100%
Load speed	<15 rpm
Applicable fastener size	M10~M27
Dimension	1200×650×750mm
Weight	About 357kg

Note : Other model could be customized according to requirements, the appearance and color depends on the real product.



STH Series Locking Force Tester