



ST-H4

Handheld Display Device

With 3 Configurations: capper head calibrator, topload tester & desktop torque tester

Features

- Real time, automatic display device
- NIST traceable calibration procedure
- Strain gauge transducer technology
- Rechargeable batteries and a charger

ST-H4-T Testing Capabilities

- Topload Force

ST-H4-D Testing Capabilities

- Applied/Removal Torque
- Peak and Transient Torque

Cap Torque Importance

- Consumer Safety
- Product Integrity
- Package Appearance
- Customer Satisfaction

Benefits

- Versatile usage with individual calibration settings
- Calibrator is ideal for use on capping production lines
- Test and record data in U.S. (lb-in) or S.I. (Nm)

Optional Configurations

- ST-H4 + handheld capper head (chuck) calibrator for use on production lines
- ST-H4 + ST-H4-T topload attachment to measure topload only (not torque)
- ST-H4 + ST-H4-D clamping table for use as a desktop torque tester

*ST-H4 with
Capper Head
Calibrator*



*Capper Head
Calibrator
(45 mm or 80 mm high)*



ST-H4-T



ST-H4 with ST-H4-D



Made in U.S.A.

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Options

- Data acquisition software for exporting data from memory to a PC in an Excel compatible format
- Heavy-duty waterproof carrying case
- Calibration kit
- Serial port printer (print date, time and peak torque result from memory – data remains in ST-H4 until print is triggered)



Serial Port Printer

Our equipment meets or exceeds these standards and methodologies:

- National Institute of Standards & Technology (NIST)
- American Society for Testing and Materials (ASTM)
- Food & Drug Administration's (FDA) Good Manufacturing Practice (GMP)
- Consumer Product Safety Compliance

Specifications (ST-H4 and ST-H4-D)

(subject to change without notice)

Power supply:	DC 6V, 4 x 1.5V AA batteries (recommend using rechargeable ones)
Torque range:	-88 to 88 lb-in (-10 to 10Nm)
Resolution:	+/- 0.5%
Display resolution:	0.01 lb-in
Torque measurement:	lb-in, lb-ft, Nm, dNm, Ncm
Force measurement:	N, kg
Sampling frequency:	100 Hz (10ms)
Display:	128 x 64 monochrome backlit LCD
Results:	actual and peak torque on same screen
Internal memory:	1000 records with 4-digit ID code (batch, machine/head nr)
Stored data:	measurement nr, peak result, ID, date and time
Communication protocol:	RS232 serial port printer
Calibration:	Store gain and offset for 3 attachments. The calibration data will be stored and automatically recalled when choosing a different measuring head.
ST-H4-D container sizes:	25 - 120 mm
ST-H4-D closure types:	any twist closure

Specifications (ST-H4-T)

(subject to change without notice)

Topload force range:	0 - 350 N
Dimensions:	60 x 40-50 mm