

Your Torque Partner



Torque Tightening Verification Systems



LS



FH



FHDS



CSPD

Signal Torque Wrenches

Signal Torque Wrenches with Torque Data

Specialty Torque Wrench Systems

- Avoid Missed Tightening by Counting Number of Fasteners
- Capture Actual Applied Torque Data

**VERIFICATION SYSTEMS:
TORQUE WRENCH WITH SIGNAL OUTPUT FOR TIGHTENING COMPLETION COUNTING**



**LS
LIMIT SWITCH TORQUE WRENCHES**

Confirmation of “click” through contact relay. Corded version.

Type: Corded
Options: WF6215, Female Connector, CNA-4MK2 Count Checker
A wide variety of torque wrench types available.



**FH
2.4GHZ RF TORQUE WRENCHES**

Confirmation of “click” through FM frequency transmission to receiver box.

Answerback light confirms reception to receiver and battery power

Type: Radio Frequency, Wireless
System Components: R-FH256 Receiver and SB-FH256 Setting Box
Options: Color Grips
A wide variety of torque wrench types available: CSP type for best delivery



**FH
R-FH256 RECEIVER**

Receives signal from FH wrenches

Capable for receiving multiple wrenches** (Consult with Tohnichi for optimal set up)

Type: Radio Frequency, Wireless
System Components: FH wrenches, SB-FH256 Setting Box
Options: I/O Box



**FH ACCESSORY
SB-FH256, SETTING BOX**

Wirelessly set up the channel, wrench ID, and receiver mode options for communication with wireless wrench and receiver box

For setting R-FH256, R-FHD256, FH, FHDS



**LS AND FH ACCESSORY
CNA-4MK2, COUNT CHECKER**

In lieu of a PLC system, this unit tracks number of “click” and prompts user to select correct tool and work set up. Various buzzers and lights alert user to assure all bolts are fastened in a process.

For use with LS, and/or with R-FH256 Receiver



**Attachment for
R-FH256 Receiver Box
I/O-FH256 (Option)**

**FH ACCESSORY
I/O-FH256, I/O BOX**

Fits onto R-FH256 Receiver box through RS232 port. Easily identifies which wrench is generating signal as it is captured by the receiver.

(Up to 4 wrenches)

Note: Not for use with R-FHD256



**VERIFICATION SYSTEMS:
TORQUE WRENCH WITH SIGNAL AND APPLIED TORQUE DATA**



**CSPD WITH CD5
CABLED VERSION WITH DATA THROUGH SEPARATE DISPLAY UNIT**

Corded version of “click” wrench with count verification and actual applied torque data. System calibrated together with CD5 Display.

Type: Corded
Available Versions: CSP Preset or AC, Airtork
System sold calibrated together: tool and display



**FHDS
2.4GHZ RF TORQUE WRENCHES WITH TORQUE DATA TRANSFER**

Wireless “click” wrench captures actual applied torque and sends to receiver box.

Robust casing and confirmation that applied torque met allowable torque range via lights

Type: Radio Frequency, Wireless
System Components: R-FHD256, Receiver and SB-FH256 Setting Box
Options: Color Grips and Rubber Protective Cover
Only Available in CSP style wrenches



**ACFHDS
AIRTORK WITH TORQUE DATA TRANSFER**

Semi-automatic runs torque part way with final applied torque by hand

FHDS transmitter mounted on wrench allows for final applied torque data to be transferred

Type: Radio Frequency, Wireless
System Components: R-FH256 Receiver and SB-FH256 Setting Box



**R-FHD256
RECEIVER BOX WITH TORQUE DATA CAPTURE**

FHD version of receiver box shows applied torque data

Features RS232 and PLC output connection ports

Type: Radio Frequency, Wireless
System Components: R-FH256 Receiver and SB-FH256 Setting Box



**FHDS ACCESSORY
SB-FH256, SETTING BOX**

Wirelessly set up the channel, wrench ID, and receiver mode options for communication with wireless wrench and receiver box

Required for FHD System to set torque value. Note: Also requires Torque Wrench Tester, Adjusting Key, and Cable.

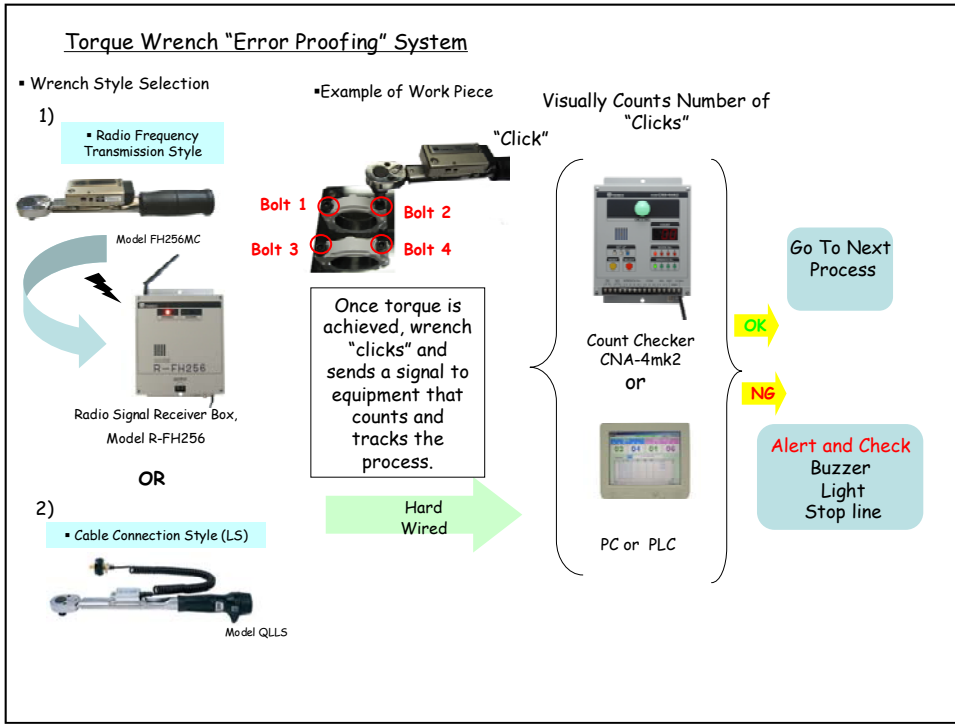
SOFTWARE

FHDS systems come with set up software to confirm preset torque value and basic data information.

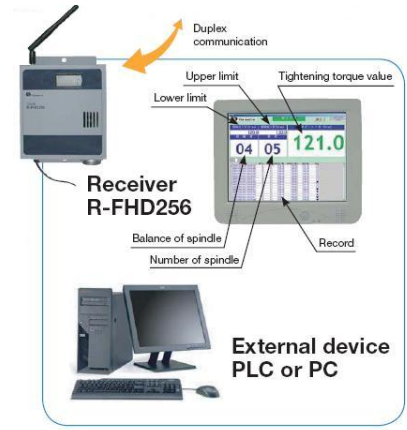
Customized Software available upon request.



FH/LS PROCESS EXAMPLE



FHD PROCESS EXAMPLE



WRENCH TYPE SELECTION:



- QL** Adjustable with Ratchet Head
- CL** Adjustable with Interchangeable Head
- QSP** Preset with Ratchet head
- *CSP** Preset with Interchangeable Heads
- *CSP version recommended and stocked in USA

FHDS wrenches available only in CSP style wrenches



7 colors available plus basic black
Purple, Blue, Green, Orange, Yellow, Gray, and Red (not shown)

COMPLIMENTARY PRODUCTS

LC3-G, Line Checker

Confirm torque value setting of torque wrenches prior to use. Manage tool accuracy and function for higher product quality in manufacturing.



FOR REPAIR/CONVERSION

- T-FH256MC Module for Repair
- T-FH256MC-LS Module for LS to FH conversion
- (Note: LS conversion not for use with Airtork)



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