



STC3-G(-BT)

+ Design
+ Quality



1/1 scale

STC3-G(-BT)

Features

Simple and slim

Up to 35% smaller than the previous model, making torque management easier in tight spaces.

User interface improvements

Adoption of OLED (Organic Light-Emitting Diode)



The LED ring that shows pass/fail results at a glance has been carried over from the current model.



When judged OK



When judged NG

Optional items

USB Cable: STC3-BT ⇔ USB Type-C
Catalog No. 586



USB Cable: STC3-BT ⇔ USB Type-A
Catalog No. 587



AC Adapter: BA-7



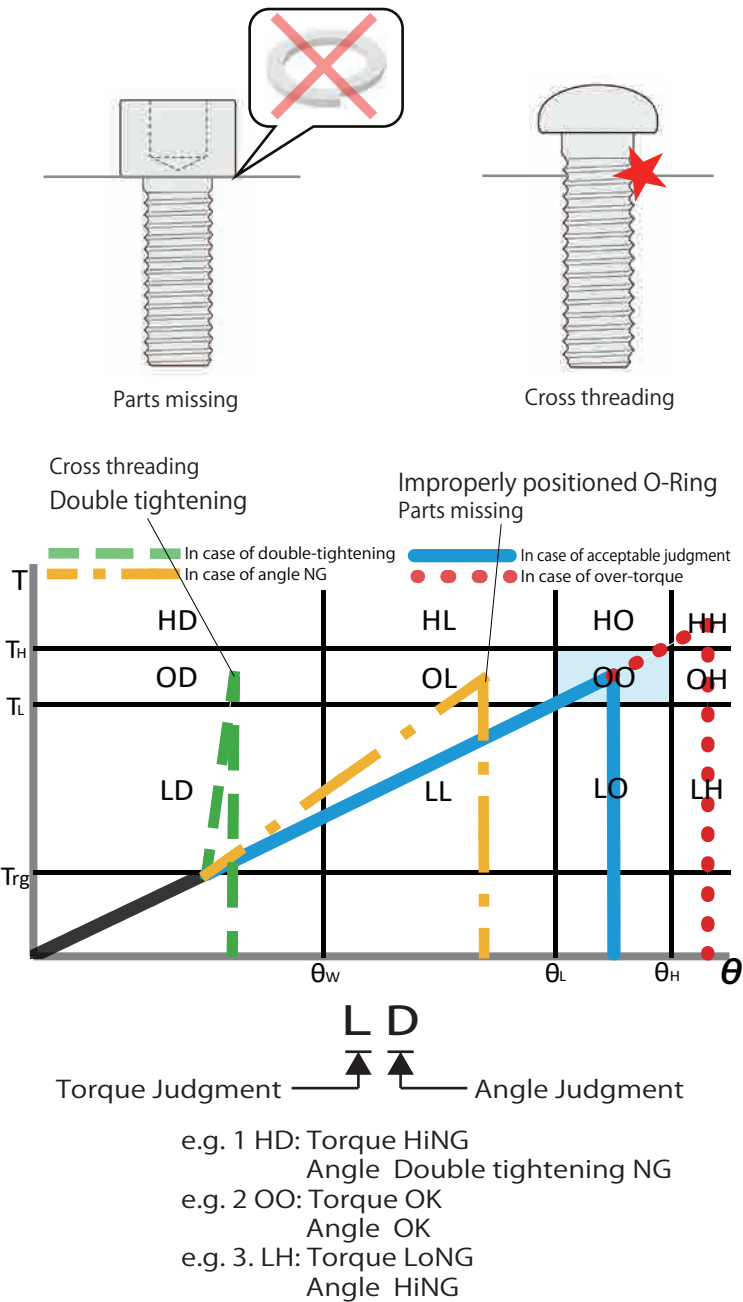
Note: Please use No. 587 for the BA-7.

Battery Pack: BP-8



Note: Included with the purchase of the STC3-BT unit.

Equipped with a double-tightening detection function.



- By monitoring torque and angle, the following tightening errors are detected to prevent outflow of defective products.
- Cross threading
 - Parts missing
 - Double tightening detection

Double tightening detection
The method of counting the number of screws tightened is used as a countermeasure against missed tightening screws, but even if the same part is tightened twice, it is OK in terms of the count number of screws, which may result in defective products being released. STC3-G(-BT) has a function to measure the angle and detect double-tightened screws, so it is possible to notice the missed tightening by combining this function with the fastening count control.

You can set the threshold for torque and angle, the tool judge the result by your settings.
Trg: Trigger torque, TL: Lower limit torque, TH: Higher limit torque, θW: Double tightening detection angle, θL: Lower limit angle, θH: Higher limit angle
※First digit alphabet describes torque judgment and second one does angle judgment as D, L, O. H.

Specifications

Model		STC50CN3-G	STC200CN3-G	STC500CN3-G
		STC50CN3-G-BT	STC200CN3-G-BT	STC500CN3-G-BT
Torque Range		5 ~ 50 cN·m	20 ~ 200 cN·m	50 ~ 500 cN·m
1digit		0.02 cN·m	0.1 cN·m	0.2 cN·m
Torque Accuracy		5 ~ 9.98 cN·m : ±2% 10 ~ 50 cN·m : ±1%	20 ~ 39.9 cN·m : ±2% 40 ~ 200 cN·m : ±1%	50 ~ 99.8 cN·m : ±2% 100 ~ 500 cN·m : ±1%
Angle Accuracy		±2 degree+1 digit (Angular velocity 30 to 180 degree/second when rotating 90 degree).		
Display	OLED	Values (Torque, Angle, Torque unit) Memory counter 4 digits Battery level 4 steps Bluetooth® Symbol (BT model only)		
	LED Ring	Judgment result		
Control Keys		CLEAR(POWER), UP/DOWN/RIGHT/LEFT, CHECK		
Data Memory		1,000 Data (Torque, Angle, Judgment result)		
Data Output		USB Type-C connector compatible serial output Bluetooth® (BT model only), Profile: HOGP, GATT		

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Common Functions	Peak hold, Measurement data memory Auto memory/reset Measurement mode/Tightening mode Tightening completion alarm Judgment (Torque, Angle) Double tightening detection, Auto zero Auto power off, Over torque alarm		
Power	Nickel-metal hydride battery (dedicated battery pack BP-8)		
Continuous Use	Approximate 60 hours (Standard)/ Approximate 50 hours (BT model)		
Charging Time	Approximate 4.5 hours		
Operating Temperature	0 to 40 Celsius (No condensation)		
Weight	229 g	233 g	267 g

※Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

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