



- Digital Torque Wrench Tester with Low Measurement Range:  
0.2 ~ 10 N·m, 2 ~ 100 kgf·cm, 2 ~ 88 lbf·in
- Compact design that can be installed anywhere
- Developed with loading mechanism that rotates  
at the square drive for highly accurate measurements
- Ideal for calibrating low range click and direct reading torque wrenches

Digital Torque Wrench Tester

# DOTE10N4-G



## Feature

### Example of available models

QL Series	QSP Series	CSP Series
QL2N	QSP1.5N4	CSP1.5N4X8D
QL5N	QSP3N4	CSP2NX6D
QL10N	QSP6N4	CSP3N4X8D
		CSP5NX6D
		CSP6N4X8D

DB Series	SF Series	PTA-BT Series
DB1.5N4-S	SF1.5N	PTA5N-G-BT
DB3N4-S	SF3N	PTA10N-G-BT
DB6N5-S	SF6N	

### Wide Range

One DOTE10N4-G can measure many types of torque wrenches below 10 N·m, such as QL, CL, and PQL models



### New Loading Structure

Because the square drive side rotates, the position of the torque wrench does not change during testing, allowing for accurate measurements at lower torque values.

No need to adjust the viewpoint when measuring direct-reading torque wrenches



- During measurement or without OK/NG judgment



- If the judgment result is OK



- If the judgment result is Lo-NG/Hi-NG

### Shown the measurement results in color!

Easily Confirm Pass/Fail Judgment with Color Coded Display

Up to 10 different Hi/Lo judgments can be set up.



### Data management on a PC

"Data receiver (DtRcv)" software, which can save in either Excel® or CSV format, is available.

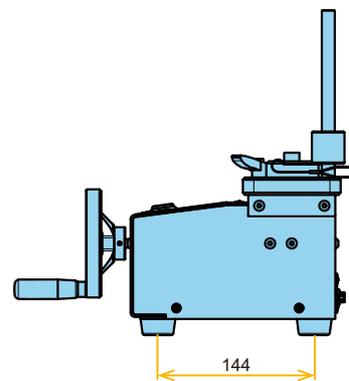
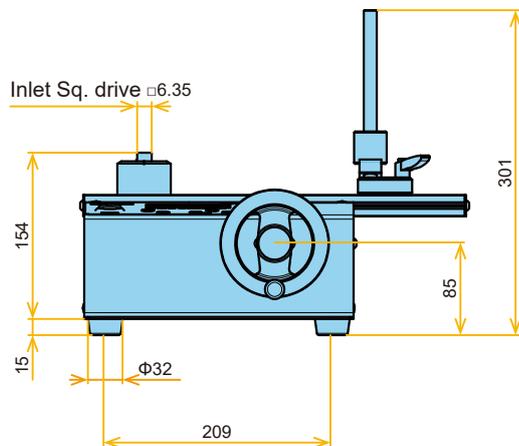
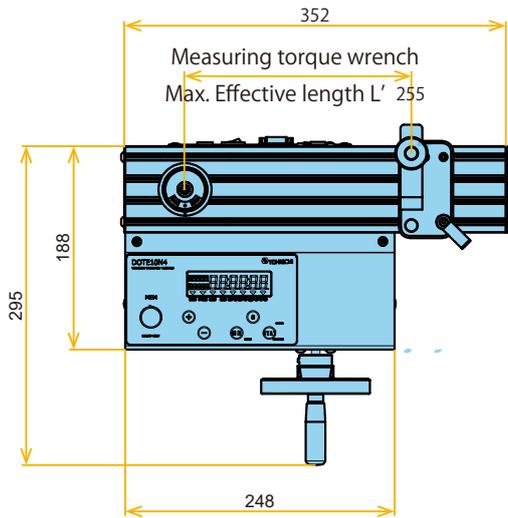
\*An optional cable (No.383 or No.385) is required to connect DOTE4-G and PC.



Data Receiver screen example

# Specifications

## ■ DOTE10N4-G



Display	Black mask liquid crystal (white/red/blue)
Data memory	1000 data
Statistical processing	Number of sample, minimum, maximum, average
Hi/Lo registration point	10 pattern
Measurement mode	PEAK/RUN
Zero adjustment	Automatic (by clear key)
Data output	RS232C (compliant) Serial communication with USB connector
Printer	EPP16M3 (manufactured by Tohnichi)
Reset	Manual/Auto (0.1 - 5.0 seconds, arbitrarily settable)
Operating temperature	0 - 40°C 85% RH or less (non-condensing)
Power	DC12V 1A
AC adapter power	AC100 - 240V±10% 50/60Hz AC adapter (BA-6) included

Accuracy ±1%+1 digit

Model	Torque Range [N·m]		Torque Range [cN·m]		Torque Range [kgf·cm]		Torque Range [lbf·in]		Allowable Max. effective length L' [mm]	Sq. Drive [mm]	Weight [kg]
	Min. - Max.	1 digit	Min. - Max.	1 digit	Min. - Max.	1 digit	Min. - Max.	1 digit			
DOTE10N4-G	0.2 - 10	0.001	20 - 1000	0.1	2 - 100	0.01	2 - 88	0.01	255	6.35	7

## ■ Optional accessories

### Communication cable

• It is used when outputting the measured data to a PC or dedicated printer.

Part No.	Applicable models
383	DOTE4-G→PC/EPP16M3 (D-SUB 9 pin female)
385	DOTE4-G→PC (USB A typ)



### Printer

• Dedicated printer for Tohnichi digital devices

Model
EPP16M3



### Hex Adapter

• An adapter for calibrating spanner head torque wrenches.

Part No.	Sq. drive	Hex size (male)
480	6.35	W=5.5-8-12
481		W=6-10-13
482		W=7-11-14
483		W=16-19-22
484		W=17-21-24



## Calibration kit

Calibration kit for DOTE10N4-G.



Example of use



Mode	Components
DOTCL10N	Calibration lever: 1, Calibration base plate: 1, Calibration wire: 1 Plate scale 100g: 1 piece, Weight hanger 0.5kg: 1 piece Mounting bolts: 2, test lever fixing bolts: 1, fixing bolts: 4

\*Weights are sold separately.



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