

# DOTE3-G

Digital Torque Wrench Tester

Calibration

Digital

Manual Handle

Direct Reading

RoHS

Direction



**NEW**



DOTE100N3-G

CE

- Multiple units of measure through keypad setup
- "Loading system" stabilizes wrench during calibration procedure for optimal results.
- RS232C output
- Max. 99 measured data can be stored.

Accuracy  $\pm 1\% + 1$  digit

Model	Torque Range												Torque Wrench Max. Effective Length [mm]	Inlet Drive [mm]	Weight [kg]
	cN-m		N-m		kgf-cm		kgf-m		lbf-in		lbf-ft				
	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit			
DOTE20N3-G	200.0-2000.0	0.5	2.000-20.000	0.005	20.00-200.00	0.05	-	-	18.00-180.00	0.05	-	-			
DOTE50N3-G	-	-	5.00-50.00	0.01	50.0-500.0	0.1	-	-	44.0-440.0	0.1	3.60-36.00	0.01	410	9.5	11
DOTE100N3-G	-	-	10.00-100.00	0.02	100.0-1000.0	0.2	-	-	88.0-880.0	0.2	7.30-73.00	0.02		12.7	
DOTE200N3-G	-	-	20.00-200.00	0.05	200.0-2000.0	0.5	-	-	170.0-1700.0	0.5	15.00-150.00	0.05	660		13
DOTE500N3-G	-	-	50.0-500.0	0.1	-	-	5.00-50.00	0.01	440-4400	1	36.0-360.0	0.1	1020	19.0	24
DOTE1000N3-G	-	-	100.0-1000.0	0.2	-	-	10.00-100.00	0.02	880-8800	2	73.0-730.0	0.2	1650	25.4	45

- Note
1. Auto-zero adjustment function.
  2. Statistical function includes the number of sampling, max/min/mean values.

## DOTE3-G-MD

RoHS

DOTE3-G with Motor Driven Loading Device

Model
DOTE20N3-G-MD
DOTE50N3-G-MD
DOTE100N3-G-MD
DOTE200N3-G-MD
DOTE500N3-G-MD
DOTE1000N3-G-MD



DOTE100N3-G-MD

## DOTE3-G Standard Accessories

Model	Down Adapter (Female)		Hex Adapter (Male)	AC Adapter (Power supply)
	Part #	[mm]	[mm]	
DOTE20N3-G	296 (DA3-2)	6.3	10, 13, 19 12, 14, 17	BA-3 (AC100-240V $\pm 10\%$ )
DOTE50N3-G				
DOTE100N3-G	297 (DA4-3)	9.5		
DOTE200N3-G	-	-	17, 22, 27/19, 24, 30	
DOTE500N3-G	-	-	22, 27, 29/30, 32, 36	
DOTE1000N3-G	299 (DA8-6)	19.0	34, 41/46, 50	

## DOTE3-G Optional Accessories

Hex Adapter

Part #	Size [mm]
285	3/8-7-8-9
286	1/2-16-18-21
287	1/2-17-22-27
288	1/2-19-24-30

Connecting Cable (P.39)

Part #	Applicable Models
382	DOTE3-G $\rightarrow$ EPP16M2
383	DOTE3-G $\rightarrow$ PC (D-SUB 9 Pin Female)

- Note
1. ( ) shows pin shape of the connecting cable.
  2. Consult Tohnichi for other types of connecting cables.

Battery Pack (P.39)

Model
BP-100-3

Printer (P.57)

Model
EPP16M2

Data Filing System (P.56)

Model	Media
DFS	CD-ROM

**NEW**

# DOT

Analog Torque Wrench Tester

Direction



DOT100N

Calibration

Dial Indicating

Manual Handle

Direct Reading

RoHS

- Dial indicating
- For clockwise testing
- Mechanical loading device

Accuracy  $\pm 2\%$

S.I. Model	Torque Range [N-m]		Metric Model	Torque Range [kgf-cm]		American Model	Torque Range [lbf-in/lbf-ft]		Torque Wrench Max. Effective Length [mm]	Inlet Drive [mm]	Weight [kg]	Standard Accessory	
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.				Down Adapter (Female) [mm]	Hex Adapter (Male) [mm]
							lbf-in	lbf-ft					
DOT35N	5-35.0	0.1	350DOT	50-350	1	DOT300I	30-300	1		9.5	8	#296 (DA3-2)	10, 13, 19
DOT50N	5-50.0	0.2	5000DOT	50-500	2	DOT430I	40-430	2	410			#296 (DA3-2), #297 (DA4-3)	12, 14, 17
DOT100N	10-100.0	0.5	1000DOT	100-1000	5	DOT1000I	100-1000	5		12.7			
							lbf-ft	lbf-ft					
DOT300N	30-300	1	3000DOT	300-3000	10	DOT200F	20-200	1	660	19	10	-	17, 22, 27 19, 24, 30
DOT700N	70-700	2	7000DOT	700-7000	20	DOT500F	50-500	2	1260		25	-	22, 27, 29 30, 32, 36

Note Measurement for clockwise direction only.

## DOT-MD

DOT with Motor Driven Loading Device

S.I. Model	Metric Model	American Model
DOT35N-MD	350DOT-MD	DOT300I-MD
DOT50N-MD	5000DOT-MD	DOT430I-MD
DOT100N-MD	1000DOT-MD	DOT1000I-MD
DOT300N-MD	3000DOT-MD	DOT200F-MD
DOT700N-MD	7000DOT-MD	DOT500F-MD

## ◆ Calibration Kit for DOTE3-G/DOT



\* Sold separately. Refer to page 52.