

DOT E4-G

Digital Torque Wrench Tester

Calibration

Digital

Manual Handle

Direct Reading

RoHS

Direction



- Multiple units of measure through keypad setup
- "Loading system" stabilizes wrench during calibration procedure for optimal results.
- RS232C and USB output
- Max. 1000 measured data can be stored.



DOTE10N4-G



DOTE100N4-G



DOTE1000N4-G

CE

Accuracy ±1%+1digit																		
Model	Torque Range												Torque Wrench Max. Effective Length [mm]	Inlet Drive [mm]	Weight [kg]	Down Adapter		Hex Adapter
	cN·m		N·m		kgf·cm		kgf·m		lbf·in		lbf·ft					Part #	[mm]	[mm]
	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit						
NEW																		
DOTE10N4-G	20.0-1000.0	0.1	0.2000-10.000	0.001	2.00-100.00	0.01	-	-	2.00-88.00	0.01	-	-	255	6.35	7	-	-	
DOTE20N4-G	200.0-2000.0	0.2	2.000-20.000	0.002	20.00-200.00	0.02	-	-	18.00-180.00	0.02	-	-		9.5		296 (P.68)	10, 13, 19	
DOTE50N4-G	-	-	5.00-50.00	0.005	50.0-500.0	0.05	-	-	44.0-440.0	0.05	3.60-36.00	0.005	410		12	6.35	12, 14, 17	
DOTE100N4-G	-	-	10.00-100.00	0.01	100.0-1000.0	0.1	-	-	88.0-880.0	0.1	7.30-73.00	0.01		12.7		277 (P.44) 6.35 297 (P.68) 9.5		
DOTE200N4-G	-	-	20.00-200.00	0.02	200.0-2000.0	0.2	-	-	170.0-1700.0	0.2	15.00-150.00	0.02	660		13	-	17, 22, 27 19, 24, 30	
DOTE500N4-G	-	-	50.0-500.0	0.05	-	-	5.00-50.00	0.005	440-4400	0.5	36.0-360.0	0.05	1020	19.0	47	-	22, 27, 29 30, 32, 36	
DOTE1000N4-G	-	-	100.0-1000.0	0.1	-	-	10.00-100.00	0.01	880-8800	1	73.0-730.0	0.1	1750	25.4	49	299 (P.68) 19.0	36, 46 41, 50	

Note

1. Auto-zero adjustment function.
2. Statistical function includes the number of sampling, max/min/mean values.
3. AC Adapter BA-6 (AC100-240V+/-10%) comes with

DOT E4-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.50)

Part #	Applicable Model
383	DOTE4-G - PC, EPP16M3 (D-SUB 9 Pin Female)
385	DOTE4-G - PC (USB A-Type)

Note

1. () shows pin shape of the connecting cables.
2. Contact Tohnichi for other types of connecting cables.

Printer (P.69)

Model
EPP16M3

Data Filing System (P.69)

Model
DFS

DOT

Analog Torque Wrench Tester

Direction



Calibration

Dial Indicating

Manual Handle

Direct Reading

RoHS

- Dial indicating
- For clockwise testing
- Mechanical loading device



DOT100N

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	50-300	1		9.5	8	#296 (6.35)	10, 13, 19
DOT50N	5-50.0	0.2	500DOT	50-500	2	DOT430I	50-430	2	410			#277 (6.35), #297 (9.5)	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.

◆ Calibration Kit for DOTE4-G/DOT

* Sold separately.
Refer to page 63.

