

Torque Tester – TDT3-G



Fig.: TDT60CN3



Fig.: TDT3 w TDTLA3



Fig.: TDT3 w LTA



Fig.: EPP16M3



Fig.: BA-6

Ideal for Screwdriver Testing

Digital type torque screwdriver tester eliminates visual reading errors. The loading device keeps stable measuring conditions to avoid reading errors.

High-accuracy digital torque screwdriver tester with loading device eliminates measurement errors. Can also calibrate small capacity torque wrenches when using optional TDTLA.

The measuring range is wide and applicable for various types of torque drivers. Comes with Pass/Fail judgement feature. Judgement results are shown in three colors (white/red/blue), for easy result recognition.

Scope of Supply

- TDT3 unit.
- AC adaptor BA-6.
- Loading device STA for testing torque screwdrivers (e.g. LTD and RTD).
- Clamp block.
- Operating manual (eng).
- Traceable calibration certificate (ISO/JCSS).

- ▶ Bi-directional measuring – CW / CCW.
- ▶ Measuring modes: Peak, Run (Track).
- ▶ Accuracy $\pm 1\% + 1$ digit.
- ▶ Upper/Lower Limit: 10 settings.
- ▶ Auto zero adjust.
- ▶ Statistical processing: samples, max, min, mean value.
- ▶ Memory for 1000 readings (99 in M99 mode).
- ▶ RS232C / USB output for data transfer to printer / PC.
- ▶ Status indication in 3 colors (white/blue/red).

Optional Accs

INFO

- PC cable D-Sub 9-Pin #383
- Data Receiver software free of charge (download)*
- Loading device #LTA for direct reading torque screwdrivers (e.g. FTD, STC etc.)
- Loading device #TDTLA3 for calibrating small torque wrenches (1/4").
- Thermal line dot printer #EPP16M3.
- Printer cable #382.
- Li-Po battery #BP-100-4.
- Calib. Kit #TDTCL60CN resp. #TDTCL600CN.
- PC software ,DFS' for data archiving.

Model	STA	LTA	TDTLA3
Grip diameter [mm]	7-50		–
Grip height [mm]	Std Bit H1	105	211
	Bit S H2	80	286
	Bit L H3	–	154
SqD input [inch]	–	–	1/4
Eff. length [mm]	–	–	90-220

TDT3-G

Model	Item No.	Torque Range								Hex Drive inch	Weight kg
		cN·m		ozf·in		lbf·in		kgf·cm			
		Min - Max	1 Digit	Min - Max	1 Digit	Min - Max	1 Digit	Min - Max	1 Digit		
TDT60CN3-G	T252001	2 - 60	0,005	3 - 80	0,005	0,2 - 5	0,0005	0,2 - 6	0,0005	1/4	11
TDT600CN3-G	T252002	20 - 600	0,05	30 - 800	0,05	2 - 50	0,005	2 - 60	0,005	1/4	11

