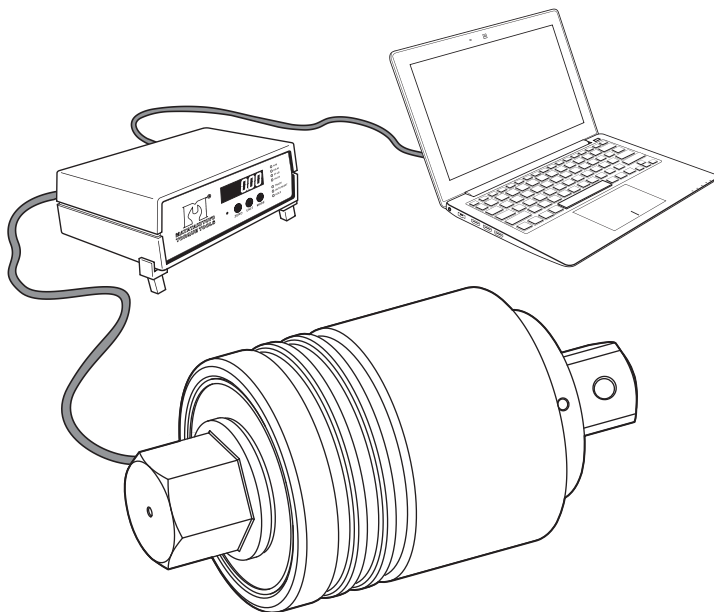


Torque Tester OPERATION MANUAL

Models covered

MTS-3002
RSR-Series



BEFORE STARTING

1. Study this instruction before use.
2. Please wear gloves and goggles when working.
3. Always check for loose wires and cables on and around tester before beginning operation.
4. Keep tester and charger away from water, always store in a dry place and safe environment.
5. Do not over torquing the fastener, or it will cause tool's damage and serious injury.
6. Never use additional accessories with this tester that were not included and are not from this manufacturer, doing so could result in damage to the tester.
7. Always operate tester in a clean and organized work place.
8. This tester should always be kept clean, dry, and free from oil and grease.
9. This tester should be recalibrated a period of 1 years, or 5,000 cycles, whichever occurs first.
To contact with local vendor or an authorized repair center for supporting.
10. Always unplug tester before inspecting, cleaning, or performing maintenance on the tester.



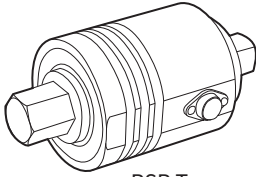
WARNING



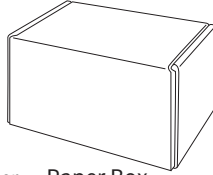
5000 Times



RSR CONTENTS



RSR Torque Transducer



Paper Box

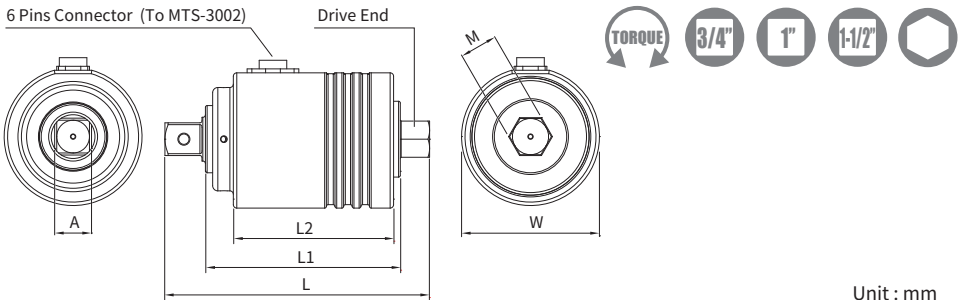


Manual

RSR TECHNICAL SPECIFICATION

- Accuracy : C.W. $\pm 1\%$ / C.C.W. $\pm 1.5\%$
- Temp. Range-Operating : $+5^{\circ}\text{C}$ to $+40^{\circ}\text{C}$
- Temp. Range-Storage : -20°C to $+70^{\circ}\text{C}$
- Directions : C.W., C.C.W.
- Calibration : According to BS7882 method

RSR TORQUE TRANSDUCER SPECIFICATION

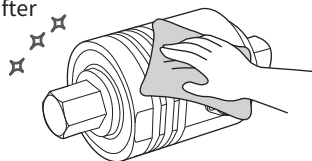


Unit : mm

ITEM NO.	A	M	Range		L	L1	L2	W	KG
RSR-150N	3/4"	14	7.5-150 Nm	5.5-100 ft.lb	148.6	113	93	80	1.36
RSR-500N	3/4"	21	25-500 Nm	18-370 ft.lb	153.6	113	93	80	1.47
RSR-1000N	3/4"	27	50-1000 Nm	36-740 ft.lb	166.0	113	93	80	1.72
RSR-1500N	1"	27	75-1500 Nm	55-1106 ft.lb	167.0	113	93	80	1.80
RSR-2000N	1"	32	100-2000 Nm	73-1475 ft.lb	172.0	113	93	80	2.10
RSR-5000N	1-1/2"	46	250-5000 Nm	180-3687 ft.lb	180.0	113	110	110	4.70

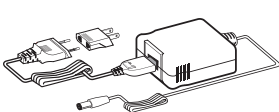
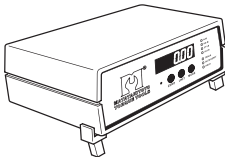
RSR MAINTENANCE AND STORAGE

1. Clean this tool by wiping with a clean cloth after operation and storage in a dry environment.
2. Do not dip any type of liquid in this tool.
This may damage the internal of this tool.



MTS-3002 PARTS

MTS-3002 Torque Display



DC Adapter



Sensor Cable



RS-232 Cable

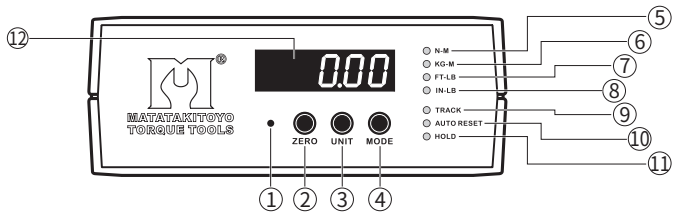


DVD DISC

MTS-3002 TECHNICAL SPECIFICATION

- Display : 5 Digits, 7 segment LED (update rate of 5 per second)
- Temp. Range-Operating : +5°C to +40°C
- Temp. Range-Storage : -20°C to +70°C
- Sampling Rate : 333 SPS
- Auto Reset Hold Time : 2 Seconds (Auto Reset Mode)
- RS-232 Data out
- N-m, Kg-m, FT-LB, IN-LB are interchangeable
- Mode : Track, Auto Reset, Hold

MTS-3002 FRONT PANEL



- ① Buzzer

② Zero Key : Zero Transducer

③ Unit Key : Unit select

④ Mode Key : Mode select

⑤ Unit Indicator (N-M)

⑥ Unit Indicator (KG-M)
- ⑦ Unit Indicator (FT-LB)

⑧ Unit Indicator (IN-LB)

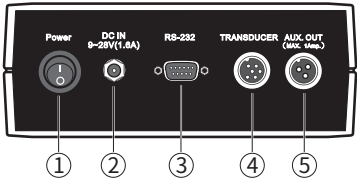
⑨ Mode Indicator (TRACK)

⑩ Mode Indicator (AUTO RESET)

⑪ Mode Indicator (HOLD)

⑫ Display

MTS-3002 BACK PANEL

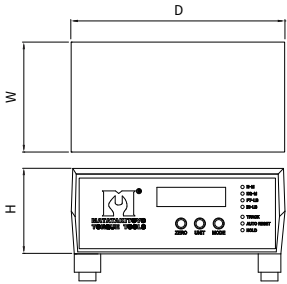


- ① Power Switch
- ② DC Input
- ③ RS-232
- ④ TRANSDUCER
- ⑤ Aux. Output (Reserved)

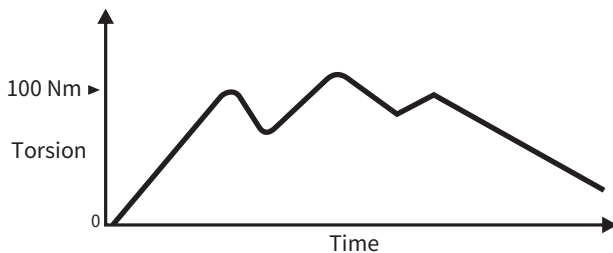
MTS-3002 DISPLAY SPECIFICATIONS

ITEM NO.	D	W	H	
MTS-3002	190	140	70	1.70

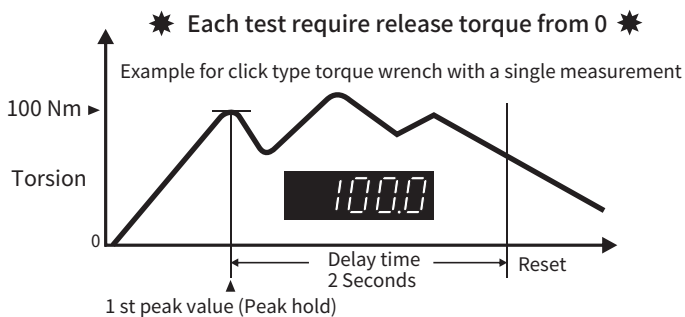
Unit : mm



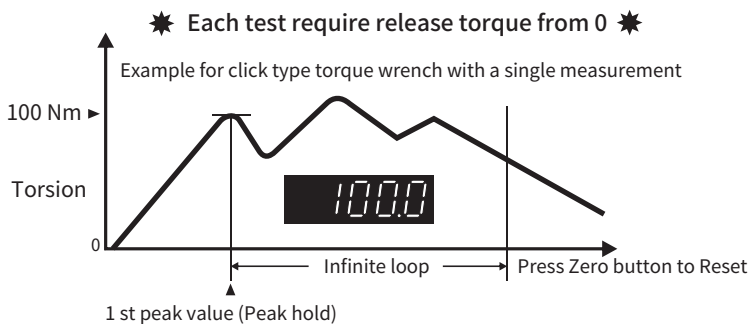
TRACK MODE



AUTO RESET MODE



HOLD MODE



TORQUE WRENCH SOFTWARE



Please refer to TORQUE TESTER INSTRUCTION MANUAL



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TORQUE TOOLS
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Version 02

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Made in Taiwan