

*Heavy duty, professional, 1,000 Kgf-cm*



# TORQUE WRENCH

Model : TQ-8803

*ISO-9001, CE, IEC1010*



**LUTRON ELECTRONIC**

*The Art of Measurement*

# *heavy duty, professional* TORQUE WRENCH, 1000 Kg-cm Model : TQ-8803



FEATURES
* Professional and Heavy duty torque wrench.
* Max. measurement capacity: 1000 Kgf-cm, 868 lbf-inch, 9,810 Newton-cm.
* Unit : Kgf-cm, lbf-in ( lbf-inch ) and N-cm ( Newton-cm ).
* Auto data hold function to freeze the last measurement reading.
* LCD display with backlight, easy readout.
* Alarm value setting with beeper sound.
* Size of square drive : 3/8 inch square ( 9.53 mm square ).
* LCD display with backlight, easy readout.
* Auto shut off circuit to save battery life,
* Microcomputer circuit, high performance.
* Metallic heavy duty & compact housing case.
* Power supply : DC 1.5V battery ( UM-4, AAA ) X 4 PCs.

GENERAL SPECIFICATIONS	
Display	57 mm x 25 mm LCD display.
Measurement function	Torque value, Auto data hold. Alarm beeper setting.
Measurement unit	kgf-cm, lbf-inch, lbf-feet, Newton-cm, Newton-meter. <i>* kgf : Kg-force, lbf : pound-force</i>
Function buttons	5 buttons : Power button Backlight button Unit button ▲ button ( for alarm setting ) ▼ button ( for alarm setting )
Sensor	Exclusive torque sensor.
Circuit	Exclusive microcomputer LSI circuit.
▼, ▲ button	For alarm value setting.
Data hold	Freeze the last reading automatically.
Backlight button	To switch on/off the LCD backlight.
Size of square drive	3/8 inch square ( 9.53 mm square ).
Power off	Auto shut off, saves battery life, or manual off by push button.
Power supply	Alkaline or heavy duty type DC 1.5 V battery ( UM-4, AAA ) x 4 PCs.
Power consumption	Approx. DC 5 mA ( baklight off ).
Weight	1050 g ( 2.3 LB ).
Dimension	450 x 55 x 37 mm ( 12.2 x 2.0 x 1.8 inch ).
Accessories included	Instruction manual..... 1 PC.

ELECTRICAL SPECIFICATIONS ( 23 5 °C )				
Display Unit	Max. Range	Min. Range	Resolution	Accuracy
kgf-cm	1000 kgf-cm	3 kgf-cm	1 kgf-cm	± 2 % F.S. ( full scale ) @ From 20% to 100 % of full scale .
lbf-in	868 lbf-in	2 lbf-in	1 lbf-in	
lbf-ft	72.3 lbf-ft	0.2 lbf-ft	0.1 lbf-ft	
N-m	98.1 N-m	0.2 N-m	0.1 N-cm	± ( 2 % reading + 5 d ). @ 5% to 19 % of full scale.
N-cm	9807 N-cm	20 N-cm	2 N-cm	
* kgf : Kg-force, lbf : pound-force, N = Newton				
* in = inch, ft = feet, m = meter, cm = centimeter				

\* Appearance and specifications listed in this brochure are subject to change without notice 1304-TQ8803