

# 15 Kg-cm TORQUE METER

Model : TQ-8800

ISO-9001, CE, IEC1010



## FEATURES

- \* Professional torque meter with 15 Kg-cm torque probe, full set.
- \* 3 kind display unit : Kg-cm, Kg-cm, LB-inch and Newton-cm.
- \* Peak value measurement.
- \* Data hold.
- \* Peak hold measurement .
- \* High/Low resolution button.
- \* Fast/Low sampling button.
- \* Record Max. and Min. readings.
- \* RS 232 computer interface.
- \* Super large LCD display.
- \* Microcomputer circuit.
- \* Separate torque probe, easy operation.
- \* Auto shut off saves battery life.
- \* Built-in low battery indicator.
- \* Heavy duty & compact housing case.
- \* Supply with the hard carrying case.



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

# TORQUE METER, 15 Kg-cm

Model : TQ-8800

| FEATURES                                                                                |                                                    |
|-----------------------------------------------------------------------------------------|----------------------------------------------------|
| * Professional torque meter with 15 Kg-cm torque probe, full set.                       | * Record Maximum and Minimum readings with recall. |
| * 3 kind display unit select button of Kg-cm, LB-inch and Newton-cm in the front panel. | * RS 232 computer interface.                       |
| * Peak value measurement                                                                | * Super large LCD display, easy readout.           |
| * Data hold button to freeze the desired reading.                                       | * Microcomputer circuit, high performance.         |
| * Peak hold measurement to hold the peak value.                                         | * Separate torque probe, easy operation.           |
| * High/Low resolution select by push button.                                            | * Auto shut off saves battery life.                |
| * Fast/Low sampling select by push button.                                              | * Built-in low battery indicator.                  |
|                                                                                         | * Heavy duty & compact housing case.               |
|                                                                                         | * Complete set with the hard carrying case.        |

| GENERAL SPECIFICATIONS |                                                                      |                      |                                                                                                                                       |
|------------------------|----------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Display                | 61 mm x 34 mm super large LCD display.<br>15 mm ( 0.6" ) digit size. | Power supply         | Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.                                                          |
| Measurement            | Torque value, peak hold, data hold, Max. & min. value.               | Power consumption    | Approx. DC 20 mA.                                                                                                                     |
| Display unit           | Kg-cm/LB-inch/Newton-cm.                                             | Weight               | <i>Meter</i> 230 g ( 0.50 LB ).<br><i>Probe</i> 600 g ( 1.32 LB )                                                                     |
| Sensor                 | Exclusive torque sensor.                                             | Chuck head size      | 1/2 to 20 UNF,<br>1.5 to 13 mm,                                                                                                       |
| Circuit                | Exclusive microcomputer circuit.                                     | Dimension            | <i>Meter</i> :<br>180 x 72 x 32 mm<br>( 7.1 x 2.8 x 1.3 inch ).<br><i>Torque probe</i> :<br>Round 48 mm Dia. x 160 mm.                |
| Data hold              | Freeze the desired reading.                                          | Accessories included | Instruction manual..... 1 PC.<br>15 Kg torque probe..... 1 PC.<br>Carrying Case..... 1 PC.                                            |
| Peak hold              | To hold the peak value.                                              |                      |                                                                                                                                       |
| Memory                 | Maximum & Minimum value.                                             | Optional accessories | * Software ( Windows version, data record & data acquisition ).....SW-U801-WIN<br>* RS232 cable.....UPCB-01<br>* USB cable.....USB-01 |
| Power off              | Auto shut off, saves battery life, or manual off by push button.     |                      |                                                                                                                                       |
| Sampling time          | Fast/Slow select.                                                    |                      |                                                                                                                                       |
| Data output            | RS 232 serial output.                                                |                      |                                                                                                                                       |
| Sensor type button     | To confirm the sensor type exactly.                                  |                      |                                                                                                                                       |
| Operating temperature  | 0°C to 50°C ( 32°F to 122°F ).                                       |                      |                                                                                                                                       |
| Operating humidity     | Less than 80% RH.                                                    |                      |                                                                                                                                       |

| DISPLAY UNIT/RESOLUTION |                        |                        |                       |                                   |
|-------------------------|------------------------|------------------------|-----------------------|-----------------------------------|
| <i>Unit</i>             | <i>Max. range</i>      | <i>High resolution</i> | <i>Low resolution</i> | <i>Over load protection range</i> |
| <i>Kg-cm</i>            | <i>15 Kg-cm</i>        | <i>0.01 kg-cm</i>      | <i>0.1 Kg-cm</i>      | 22.5 Kgf-cm max.                  |
| <i>LB-inch</i>          | <i>12.99 LB-inch</i>   | <i>0.01 LB-inch</i>    | <i>0.1 LB-inch</i>    | 19.53 LBf-inch max.               |
| <i>Newton-cm</i>        | <i>147.1 Newton-cm</i> | <i>0.1 Newton-cm</i>   | <i>1 Newton-cm</i>    | 220.1 N-cm max.                   |

\* Appearance and specifications listed in this brochure are subject to change without notice.

0706-TQ8800