

## TORQUE WRENCH TESTER

MECHANICAL TOOLS & EQUIPMENTS

### ETW-Series Digital High-Torque Wrench Tester

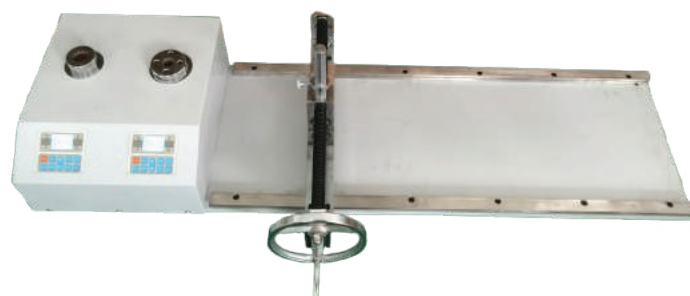
Digital Torque Wrench Tester is an intelligent multi-functional measuring instrument which is designed for testing torque wrench. It main used in testing and calibrating various kinds of Concentration type torque wrench, digital type torque wrench, preset type torque wrench, torsion screwdriver, screwdriver and all kinds of products involving tighten force instrument. Widely used in electrical manufacturing, mechanical manufacturing, automotive light industry and in scientific research and testing industry.



ETW-50 ~ 500

#### Features

- High precision, high resolution, quick sampling speed, full-screen display.
- Adopting high precision torque sensor, with torque direction display.
- Upper and lower limit value setting, red and green indicating lights and buzzer audible and visual alarm.
- Three units can be switched each other (N-m, kgf-cm, lb-in).
- Real-time, peak, automatic peak three models of optional switch.
- Use USB interface and PC communications, synchronous test function can connect to the computer, computer synchronous display test force graph and the detailed test process, can save, print, doing all sorts of analysis.
- Peak holding, remove automatically function, remove time to set freely.
- Large storage, can save 99 groups of test data.
- Without automatic shutdown function, time can be set freely.



(2 in 1 Customized)  
ETW-100 and ETW-1000

#### Ordering Information

##### Standard Accessories:

- User Manual
- AC Power cord
- Inspection certificate
- Hard carry case

| MODEL                                    |        | ETW-50                                          | ETW-100    | ETW-200     | ETW-300      | ETW-500     | ETW-1000      | ETW-2000     | ETW-3000   |
|------------------------------------------|--------|-------------------------------------------------|------------|-------------|--------------|-------------|---------------|--------------|------------|
| Measuring range<br>and<br>division value | N-m    | 50.000/0.001                                    | 100.0/0.01 | 200.00/0.01 | 300.00/0.01  | 500.00/0.01 | 1000.0/0.1    | 2000.0/0.1   | 3000.0/0.1 |
|                                          | kgf.cm | 512.52/0.01                                     | 1021.0/0.1 | 2042.0/0.1  | 3036.1/0.1   | 5102.2/0.1  | 10210/1       | 20420/1      | 30630/1    |
|                                          | lb.in  | 443.11/0.01                                     | 886.2/0.1  | 1772.4/0.1  | 2685.6/0.1   | 4431.1/0.1  | 88622/1       | 17724/1      | 26586/1    |
| Testing length range                     |        | 150 ~ 450mm.                                    |            |             | 150 ~ 870mm. |             | 150 ~ 1200mm. |              |            |
| Width stroke                             |        | 210mm.                                          |            |             | 330mm.       |             | 450mm.        |              |            |
| Height Stroke                            |        | 90mm.                                           |            |             | 140mm.       |             |               |              |            |
| Precision                                |        | ±1% (10% ~ 100% of full scale)                  |            |             |              |             |               |              |            |
| Peak value sampling frequency            |        | 2000Hz                                          |            |             |              |             |               |              |            |
| Charging Time                            |        | 4 ~ 6 Hours                                     |            |             |              |             |               |              |            |
| Battery Continuous using Time            |        | About 10 Hours                                  |            |             |              |             |               |              |            |
| Battery Life                             |        | ≥300 times                                      |            |             |              |             |               |              |            |
| Power Supply                             |        | 7.2V 1.2Vx6 Ni-MH Battery pak                   |            |             |              |             |               |              |            |
| Power Adaptor                            |        | Input : AC 220V, 50Hz    Output : DC 12V, 500mA |            |             |              |             |               |              |            |
| Dimension                                |        | 645x420x220                                     |            |             | 1051x540x330 |             | 1433x685x360  | 1650x700x465 |            |
| Net Weight                               |        | 30kg                                            |            |             | 55kg         |             | 110kg         |              |            |