



## SPECIFICATIONS

### TNP- XX Series Digital Torque Tester w/USB interface

| TNP Models                                |                     | TNP-2   | TNP-5               | TNP-10              |
|---|---------------------|---|---------------------|---------------------|
| Measuring units                           |                     | Nm, Ncm, Kgcm, Lbin   | Nm, Ncm, Kgcm, Lbin | Nm, Ncm, Kgcm, Lbin |
| Measuring range                           |                     | 0-2.000 Nm  | 0-5.00 Nm           | 0-10.00 Nm          |
|   |                     | 0-200.0 Ncm   | 0-500.0 Ncm         | 0-1000 Ncm          |
|   |                     | 0-20.39 Kgcm  | 0-50.99 Kgcm        | 0-102.0 Kgcm        |
|   |                     | 0-17.70 Lbin  | 0-44.25 Lbin        | 0-88.5 Lbin         |
| Overload protection / Percentage overload |                     | 150% of full scale  |                     |                     |
| Sample diameter range                     |                     | Φ 10 - 190 mm ( 0.39 " - 7.48" )  |                     |                     |
| Overload display                          |                     | Display "OVR" at sub display of LCD, blinking LED   |                     |                     |
| Display                                   | Main display        | 4-digit LCD display Character height 12mm   |                     |                     |
|   | Sub display         | 3-digit LCD display Character height 7mm  |                     |                     |
|   | Comparator Display  | HI - GO - LO (green and red LED indicator)  |                     |                     |
| Accuracy                                  |                     | ± 0.5% Full Scale   |                     |                     |
| Measuring                                 | Opening mode        | Show max value when opening (peak display) Displays max counterclockwise torque.  |                     |                     |
|   | Closing mode        | Show max value when closing (peak display) Displays max clockwise torque.   |                     |                     |
|   | Average mode        | Real time display (average value display) Displays torque in real time.   |                     |                     |
| Display Update Time                       |                     | Select from 0.125 second (8 times/second), 0.25 second (4 times/second), 0.5 second (2 times/second), 1 second(1 time/second). Peak display: 0.125 second |                     |                     |
| Sampling Rate                             |                     | 1000 times/second   |                     |                     |
| Memory                                    | Memory data number  | 1000 data (max)   |                     |                     |
|   | Statistical process | Average value, max value, min value   |                     |                     |
| Data output                               |                     | USB1.1  |                     |                     |
| PC software                               |                     | Digitorq software   |                     |                     |
| Standard Accessories                      |                     | USB cable, 120/240 VAC AC adapter, 30mm chuck pin (4pcs), Manual  |                     |                     |
| Optional Accessories                      |                     | Torque pins available: 30mm (4pcs) TNP-TP30, 50mm (4pcs) TNP-TP50   |                     |                     |
| Power                                     |                     | Built in nickel hydride battery or Auto-ranging AC adapter (AC100 - 240V)   |                     |                     |
| Dimensions L x W x H mm/ "in"             |                     | 320 x 227x 126 (12.60" x 8.94" x 4.96" )  |                     |                     |
| Shipping weight                           |                     | 8 kg (17.62lb)  | 8 kg (17.62lb)      | 12.5 kg (27.53lb)   |
| Operation environment                     |                     | 0 - 40 degree C / 32 - 104 degree F   |                     |                     |
| Certifications                            |                     | CE approval   |                     |                     |
| Battery Type/Battery Life                 |                     | NiMH / 8 hours after full charge  |                     |                     |
| Battery Recharge Time                     |                     | Max. 16 hours   |                     |                     |

## DISTRIBUTED BY





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