

ST Series Digital Torque Meter

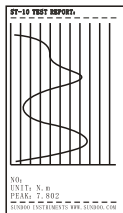
ST Series Digital Torque Meter, an intelligent metrologic instrument, which is designed for various torque testing and measuring, is mainly used for detecting and calibrating various power screwdrivers (speed $\leq 5000\text{rpm}$), wrench with torque control, parts fracture testing and other relative torsion torque testing. It is widely used in electric, light industry, machine-building, scientific research and so on.

Characteristics

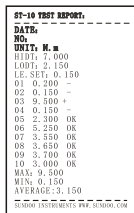
- **Peak holding and auto-releasing function:**
Catching and holding the peak value in test, the peak holding time can be set(1-10 seconds);
- **Automatic power off function:**
This function saves battery and keeps the gauge safe, also the power off time(1-60minutes) can be set By yourself;
- **Comparing function:**
Initial input of the tolerance limit(Max/Min)enables the device to judge the measured result as Go(Green pilot lamp)/NG(Red pilot lamp);
- **Memory function:**
Memory 10 testing data, and calculate the average;
- **Three units conversion:**
Converting three units(N.m, kgf.cm, ibf.in) automatically;
- **Inside printer:**
Printing testing curve (photo 1) and analysis report of 10 groups of tested data (photo 2).
- **RS-232C output:**
Connecting outside equipment and using the related CD for transmitting the tested data to computer for relevant treatment.(ST-50~500 is inside printer).



ST-1~20



(Photo 1)



(Photo 2)



ST-50~500



CD Software

PARAMETER

Model	ST-1	ST-2	ST-5	ST-10	ST-20	ST-50	ST-100	ST-200	ST-500
Capacity	1N.m	2N.m	5N.m	10 N.m	20N.m	50N.m	100N.m	200N.m	500N.m
Resolution	0.0005N.m	0.001N.m	0.002N.m	0.005N.m	0.01N.m	0.02N.m	0.05N.m	0.1N.m	0.2N.m
Sensor Conformation	Sensor Inside					Sensor Outside			
Testing speed	≤5000rpm								
Power	8.4V 1.2V×7 Nickel hydride battery					220±10%V 100W			
Charging time	about 4 hours								
Battery operating time	about 12 hours								
Battery life	≥300 times								
Adaptor	Input:AC 220V 50Hz Output:DC 12V 300mA								
Accuracy	±0.5%FS					±1%FS			
Weight	about 2.4kg					about 21.8kg			

ST-B Series Digital Torque Meter

ST-B Series Cap Torque meter, an intelligent metrologic instrument, is designed for detecting and calibrating the torsion of approval and closure of various caps. The clamp installation is easy, rapid and its diameter can reach 200mm. The printer is put inside with RS-232C output which transmits the data to computer for analysis and printing.



ST-B Series



CD Software

PARAMETER

Model	ST-1B	ST-2B	ST-5B	ST-10B	ST-20B
Capacity	1N.m	2N.m	5N.m	10N.m	20N.m
Resolution	0.0005N.m	0.001N.m	0.002N.m	0.005N.m	0.01N.m
Sensor Conformation	Sensor Inside				
Accuracy	±0.5%FS				
Power	220±10%V 100W				
Weight	about 9.8kg				