



ST系列数字式扭矩测试仪
ST Series Digital Torque Meter

Product Introduction:

ST Series Digital Torque Meter is R&D for testing and measuring many kinds of torque. The Meter is applied with the measured and calibrated torque of motorize or air-driving clamps, torque screwdriver and torque spanner. It is applied with the test of wrench force, wrest fractured force. The gauge is used in Electric industry, Light industry, Machinery manufacture, scientific research, and so on.

Product Features:

- ❖ 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;
- ❖ RS-232C output: Connecting outside equipment and using the related CD for transmitting the tested data to computer for relevant treatment.

Technical Parameter:

型号 Model	ST-1	ST-2	ST-5	ST-10	ST-20
量程 Capacity	1N.m	2N.m	5N.m	10N.m	20N.m
分度值 Load Resolution	0.0005N.m	0.001N.m	0.002N.m	0.005N.m	0.01N.m
传感器方式 Sensor Conformation	传感器内置(Sensor Inside)				
测试转速 Testing speed	≤3000rpm				
电源 Power	8.4V 1.2V×7 镍氢电池组(Nickel hydride battery)				
充电时间 Charging time	约4小时(about 4 hours)				
电池使用时间 Battery operating time	约40小时(about 40 hours)				
待机时间 Waiting time	约3个月(month)				
电池寿命 Battery life	≥ 300 次(times)				
充电器 Adaptor	输入(Input)：AC 220V 50Hz 输出(Output)：DC 12V 300mA				
精度 Accuracy	±0.5%以内(within)				
重量 Weight	约(about) 2.4Kg				