

MTQ-300 Digital Torque Meter (series)



Overview:

MTQ-300 (series) is a digital display torque meter is designed and developed for detection and measuring of various torsions. Locking type drill chuck design, can easily clamp on a variety of workpieces, screwdriver heads, screwdriver sleeves, etc. The jaw of the sensor can be opened up to 12.7 mm. This torsion meter has accuracy as high as 0.5% and comparing to the traditional pointer torsion meters and torque wrenches, MTQ-300 series digital display torque meter has higher precision and credibility. The device is widely used in different industrial fields.

Features:

- High accuracy, High resolution and High sample rate
- Setting the upper and lower deviation value freely, sound alarm and automatically level signal output
- Test direction display (clockwise " + ", counterclockwise " - ")
- Liquid crystal display, green backlight panel
- Store 99 groups of test data, automatically calculating and storing the average of data, maximum and minimum
- Converting three units (N.M , Kgf.cm , lbf.in) automatically
- Catching the peak value in test, showing it on display for 0-99 seconds, then releasing the value and being ready for the next peak
- Gravitational acceleration value can be set
- Auto Power off time can be set (0-99 minutes)
- Using external intelligent charger, can charge the battery safety, extend battery life
- Serial output (baud rate, 9600), can print the test data
- Average connection PC for real-time data can be read, stored, analyzed, printed and/or other operations

Parameter	Value		
Model	MTQ-300-2	MTQ-300-5	MTQ-300-10
	0~2 N.m	0~5 N.m	0~10 N.m
Measuring range	0~20.40 kgf.cm	0~51.020kgf.cm	0~102.04 kgf.cm
	0~17.713 lbf.in	0~44.283lbf.in	0~88.566 lbf.in
Resolution	0.001N.m	0.002N.m	0.005N.m
	0.01kgf.cm	0.02kgf.cm	0.051kgf.cm
	0.009lbf.in	0.018lbf.in	0.044lbf.in
Accuracy	0.5% Reading		
Sensor conformation	External sensor		
Working environment	0°C~40°C, 15%~80% RH, NO vibration and corrosion		
Power Supply	Rechargeable Battery (6V / 1500mAh)		
Weight	1.3kg		
Dimensions (main unit)	188mm*70mm*41mm		

