Metrix+™
Innovative Excellence

TORQUE TESTER

TRSNT 01 to TRSNT 20

Measure torque conveniently upto 20Nm

Measuring principle

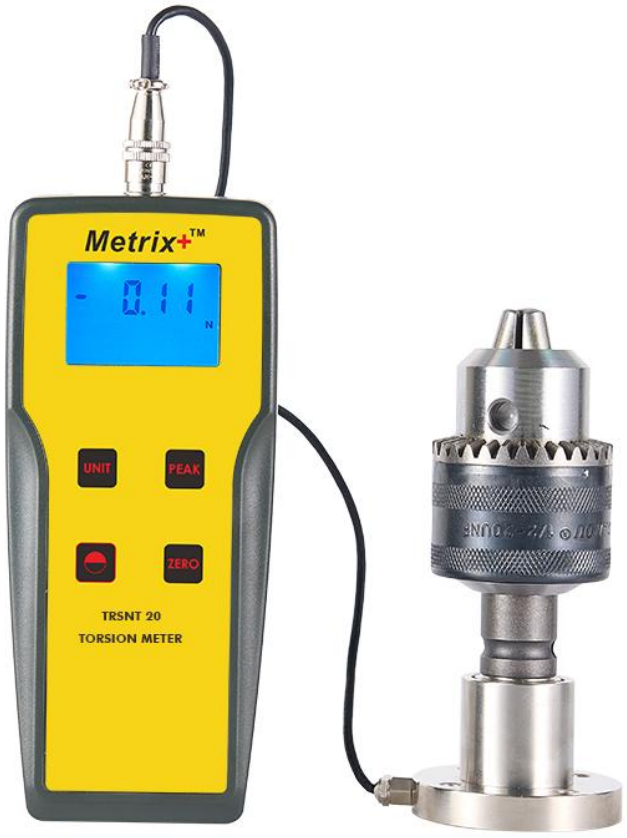
This sensor has a strain gauge, which converts rotary force into corresponding electrical signals, to measure the torque being applied. Many attachments can be custom made for different sample requirements.

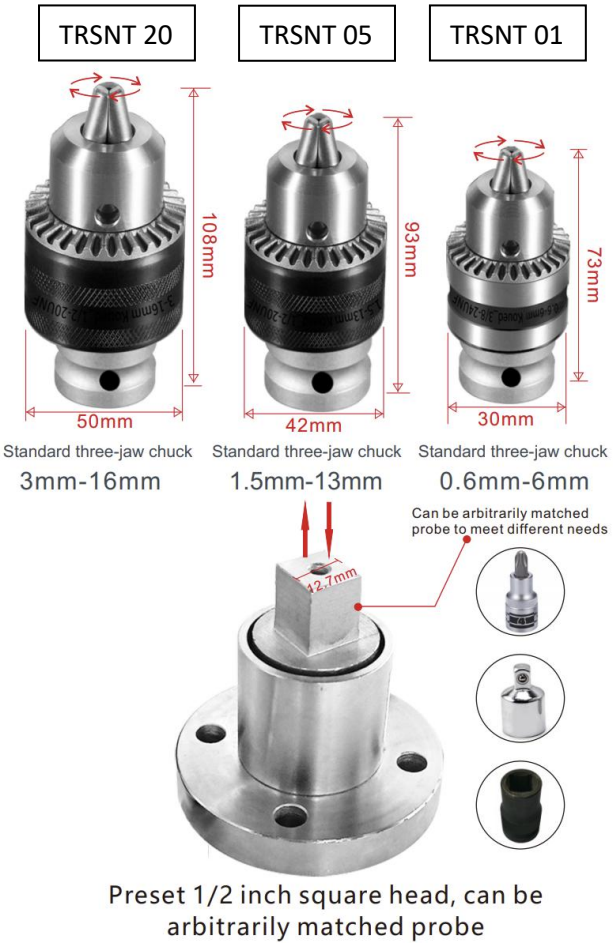
Applications

Torque measurement is important to measure the turning force of parts and components for product testing and research purposes. Ideal for measurement of tightening/ loosening a screw, turning a rotary switch, etc. This meter is versatile, as with standard 3 jaw chuck, many other fixtures and jigs can be attached for specific material testing. Widely useful in electronic appliances, building hardware, light industry, textile load of weaving, auto parts, lighters and other ignition devices, fire fighting equipment, pen making, lock making, fishing tackle, chemical industry, power machinery, scientific research institutions and other industries.

Features

- Various models from 1Nm – 20Nm
- Standard ½ inch square head sensor can be connected to various jigs and fixtures
- Standard 3 chuck jaw suitable for wires, rods, etc.
- Max data hold
- Convertible measurement units: Nm, kgm, lbm
- Battery or external power supply

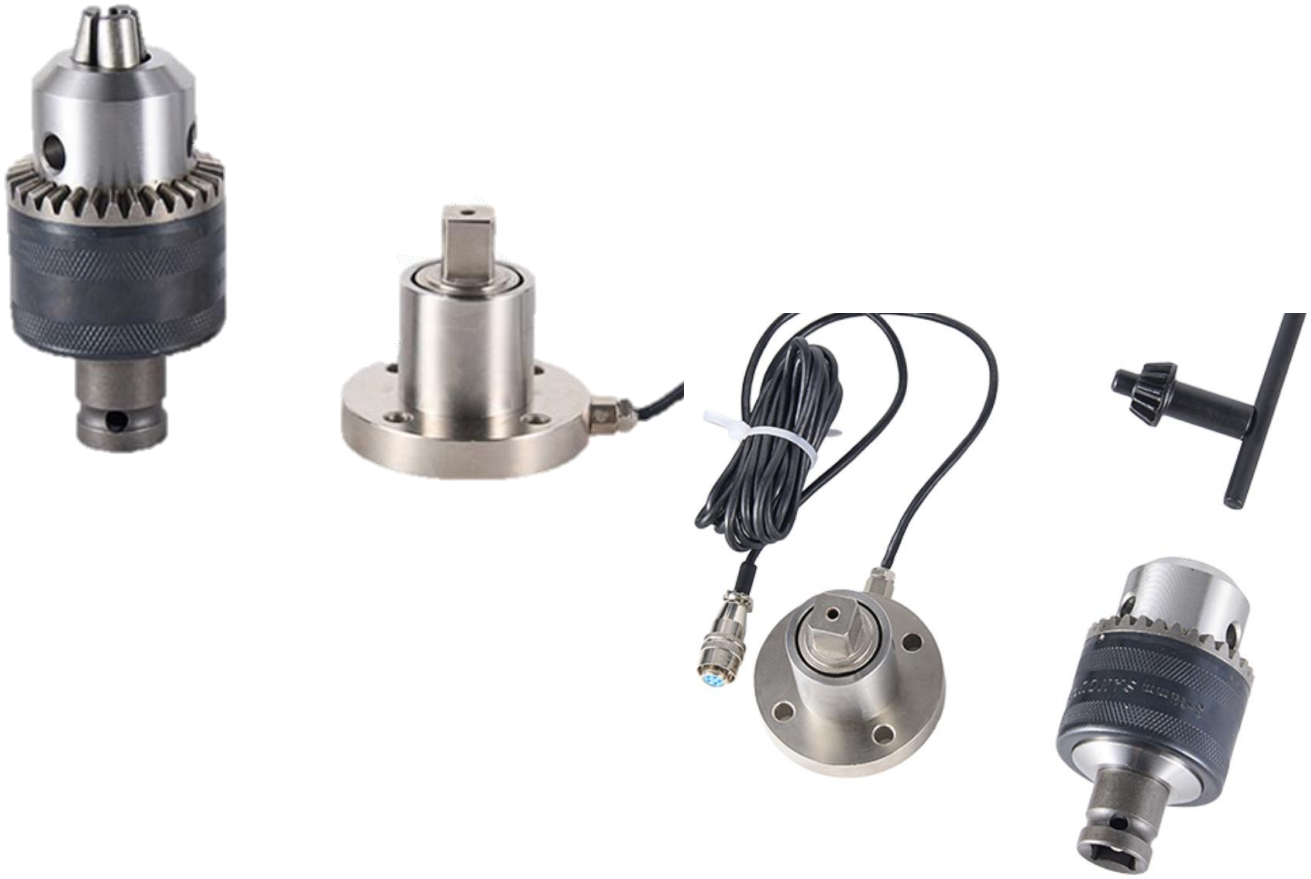




Technical Specifications

Model	*Metrix+* TRSNT 01	*Metrix+* TRSNT 05	*Metrix+* TRSNT 20
Range	±1Nm/ 0.1kgfm	±5Nm/ 0.5kgfm	±20Nm/ 2kgfm
Std 3 jaw chuck size	0.6 ~ 6mm	1.5 ~ 13mm	3 ~ 16mm
Resolution	0.01Nm/ 0.001kgfm		
Accuracy	±0.5% FS ±1 digit		
Units	Kgfm, Nm, lbfm		
Safe load	150% FS (buzzer alarm over 110% FS)		
Power	2 x 1.5V AA batteries or 5V DC power supply		
Features	Max hold, large backlit display, low battery indication, auto power off		
Operating	Temp: 0~40C, Humidity <80% RH		
Dimensions	211 x 80 x 36mm, approx. 390g		
Surrounding	No vibrating source or corrosive medium		
Std accessories	Main unit, sensor, 3 jaw chuck, manual, case		

[Note- A torque wrench is a hand-help tool that tightens nuts and bolts to a specific torque value, while a torque meter measures the torque value of a sample.]



Model and Specifications subject to change without notice.