

# TorqueMate®

## PTT Series

Torque, Angle & Force Analyzer  
with ARCII Technology

Torque  
Analyzers

### KEY FEATURES

System Accuracy  $\pm 0.5\%$  of reading from 20% to 100% of full scale.  
System Accuracy  $\pm 1\%$  of reading from 10% to 20% of full scale.

Operates with Torque & Force sensors.

Recommended for all hand screwdrivers, wrenches or power tools.

Provides "EZ-Plug & Play" with Mountz Transducers, Features "ARCII" technology, an instant auto-recognition system of the transducer connected to the PTT.

Selection of six/seven operation modes:

Track, Peak, First Peak, Audit, Bolt Audit\*, Spindle Audit, Torque + Angle.

\*The Bolt Audit Mode is an additional feature that is only available with PTT Bolt Audit Model (Item #072995).

Seven units of torque measurements:

ozf.in, lbf.in, lbf.ft, cN.m, N.m, kgf.m, kgf.cm

Two units of force measurement: lbf and kN

Features built-in Tool Tests operation.

Includes three PC Windows based software programs:

#### Mountz Torque Meter Interface Program

for sensor calibrations, meter calibration and tool tests.

#### Torque Meter Bootloader

for updating the PTT operating systems.

#### Excell Add-In

for Real-Time data collection into an Excel spreadsheet. It provides statistic calculations.

"Flash" memory allows upgrades to be done by the user in the field & internet through the USB port.

Five low-pass filters: 3000, 2000, 1500, 500, and 200Hz

Six-digit display and easy to read menu structure.

Real Time Clock for time stamping of readings.

USB interface to download readings to PC.

High Capacity Li-ion Batteries for long life (30 hours with standard transducers and 16 hours with brushless rotary).

Can connect to most mv/v transducers and can store calibration data for up to 50 non-smart torque sensors.

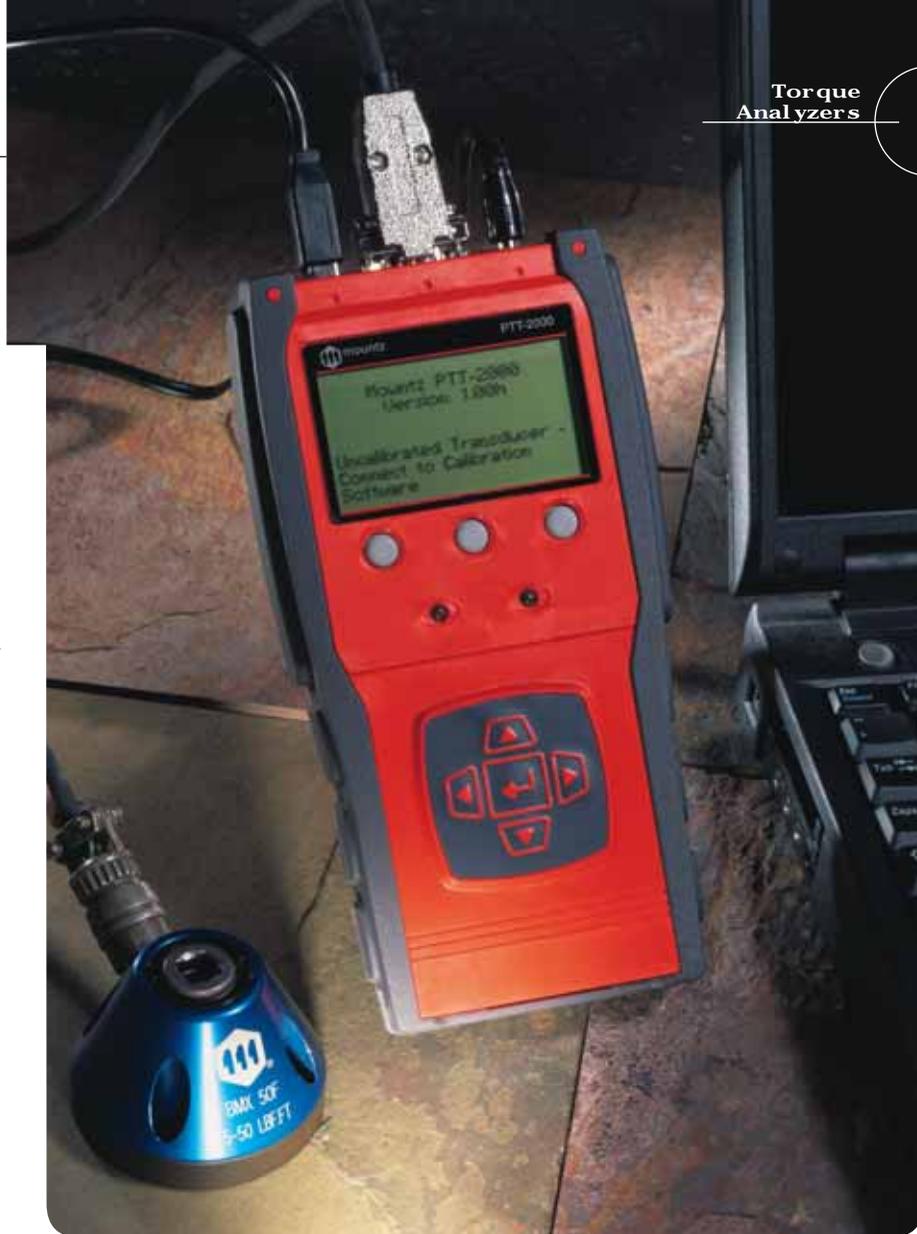
The 5VDC capability allows unit to be used with a Brushless Rotary Transducer for testing pulse tools and high RPM tools.

Torque and Angle data is displayed simultaneously when used with Torque and Angle transducers, up to 8000 RPM for angle measurement.

Stores a total of 5000 data points.

Real time graph of torque vs. time using associated PC Windows software.

Features Go / No Go LEDs that illuminate when high or low setting is achieved.



### Tool Tests & Graphing

The PTT allows you to set up and create tool tests and save the readings so you can export the data to a PC for documentation. It is the ideal solution for organizing and storing test data for ISO and SPC documentation.

The ability to graph a dynamic rundown allows joint analysis. Great resource to evaluate, create or confirm a torque specification or tool being used in production.



#### CERTIFIED

Supplied with NIST-Traceable Certification of Calibration



#### PLUG & PLAY



#### NOTE!

Since a tester cannot always duplicate actual joint characteristics, the torque reading displayed on the PTT may vary from the actual torque that a tool will apply to a joint. When critical assemblies are involved, the torque output of the power tool being used should be verified on the actual assembly using a calibrated measuring torque tool.

#### PTT-2000 Item #072999

#### PTT-2000 Bolt Audit Model (for HSD Multipliers) - Item #072995

#### ACCESSORIES INCLUDED

Universal Charger (100 - 240VAC)  
USB Cable  
Mountz Software Programs  
Protective Cover

#### ACCESSORIES OPTIONAL

Description	Item #
Charger 100 - 240VAC	770300
USB Cable	770319
Battery Pack	072506
Multiplexer	072998
Bar Code Reader	072997
PLC Interface	072014

#### CABLE CHART

Transducer	Item #
RTSX-A	072000
All BLRTSX Models	072001
BMX	072002
LPX	072003
SDX	072004
RTSX	072005
ETX	072006

CE RoHS