

## TED Series Torque Tester

### Quick Reference

(See user manual for more detailed information)

**WARNING::**The number one cause of damage to the torque tester is OVER TORQUE.  
Damage due to OVER TORQUE is not covered by Warranty.

#### Power On:

Turn the power on by pressing the POWER/CLEAR button.

Never have torque applied to the transducer when the unit powers on.

#### Previous Settings:

All settings such as the mode, units and target will be saved when the unit powers down.

#### Testing Click Type Torque Wrenches:

Press the MODE key until the display shows "FP0.0". FP stands for First Peak mode. This mode captures the point where the wrench clicks and releases (not where the user stops pushing).

#### Units:

Press the Unit buttons until the proper units are selected. Do this by pressing the clear button and then the target + button. Each press of the target + button while holding the clear button will change the units.

Apply Torque: Press Smoothly and evenly until the wrench releases. The display will lock on the release point. Do not shake or apply torque at an uneven rate or the software may be "fooled" as to when the wrench clicks.

#### To Clear the display:

Simply let up on the torque of the wrench to unload and torque on the drive.

Then start applying torque again. This will activate the "auto clear" feature and start to read torque again.

#### Testing Dial Type Torque Wrenches:

Press the MODE key until "PH" shows on the LCD. This mode will capture the maximum (peak) torque that was applied.

#### To Set a Target Value:

Press the - or + key once to see the current set point (target). Press and hold the key to increase or decrease the target value. When the applied torque comes close to the target you will see an orange light. When the applied torque is within the target zone % you will see a green light. When over the target % zone you will see a red light and hear a buzzer.

#### To change the target zone % (Go/No go tolerance):

Press the clear key and then the - key. Continue to press the

- key until the desired +/- % is displayed (this is the accuracy stated by the wrench to be tested's manufacturer).

For click type wrenches it is usually 6% (however this is stated by the wrench manufacturer).

#### Power Off:

Press and hold the Power button until the tester powers off.

#### Auto off:

The tester will turn off automatically after a period of time without use.