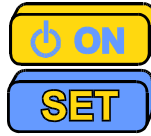


## QUICK START UP GUIDE

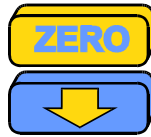
**WARNING:** Make sure to use Tip Force Gage without welding current on. Passing welding current through the sensor may damage it and void the warranty.

### GENERAL KEYS DESCRIPTION



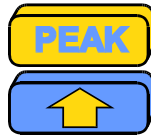
Key with three functions:

- 1) **ON** to switch on the indicator.
- 2) **SET** to enter into the configuration menu (keep the key pressed for approx. 3 seconds).
- 3) After the measurement, if pressed for 10 sec. it performs the manual indicator switching off.



Key with three functions:

- 1) During the measurement it performs the display ZERO (max 50% F.S.; ZERO does not act on force bar indication).
- 2) If kept pressed for about 5 sec. it deactivates the ZERO function displaying the offset of the dynamometer or load cells connected.
- 3) Inside the setting menu it decreases (↓) the value on the display.



Key with three functions:

- 1) During the measurement, if pressed for a second, it activates the PEAK+ function, (it displays the greatest force detected after having activated the function).
- 2) During the measurement, if pressed for 5 sec., it activates the PEAK- function (it displays the lowest force detected after having activated the function).
- 3) Inside the setting menu increases (↑) the value on the display.

### Sequence of operation:

1. Push the button "ON" and wait for 2-3 sec until the meter completes the self-check.
2. Set display to "0" by pressing the "ZERO" button.
3. Apply force to the sensor and take the readings (dynamic mode) – when force is removed, the display returns back to "0".
4. If "PEAK" readings are desired, press "PEAK" button and hold it for 1-2 sec., until the indicator in the upper part of a screen changes to PEAK+ mode.
5. Apply force to the sensor and take the readings (peak mode) – when force is removed, the display will stay at the MAX value detected during measurement. Note: this feature is very helpful for force increase observation, to determine proper squeeze time for the welding machine.
6. Hit "PEAK" button again to reset the gage.
7. Unit will turn itself OFF after 2 min, OR you can turn it OFF by holding down "ON" button for about 10 sec.

### Changing Units.

1. Gauge comes with the measuring units set to "lbs".
2. When other than "lbs" units are desired, follow the sequence:
3. Push the button "ON" and wait for 2-3 sec. Until the meter completes the self-check.
4. Push and hold button "ON" until the display shows "UNITS"
5. Select desired units by pressing (↑) "PEAK" button or (↓) "ZERO" button.
6. After selection is made, press button "ON" several times, until display shows: "END"
7. Wait for 1-2sec. until the unit returns to operational mode.

**REFER TO OPERATOR MANUAL FOR ADDITIONAL FEATURES AND DETAILED EXPLANATION OF ALL FEATURES.**