POWER QUALITY INTERNATIONAL

Type TPM Transformer Performance Meter™
Abbreviated Activation & Accessing Guide

Activation

- Simultaneously press the “H” and the “V/A” keys for > 1 second then release. The current “Mode” indicator will flash.
- Pressing either the “P” or “E” keys will change the flashing indicator to a different mode. Once the desired mode has been highlighted, pressing the “V/A” key to select that mode.

Metering Mode

- Initially displays 3 phase Voltages & Average.
- Pressing “V/A” will display; 3 phase Current & Neutral values, continue pressing displays Line voltages, etc.
- Pressing “P” will display; Real power, reactive power, apparent power, power factor, frequency, etc.
- Pressing “H” will display; Voltage & Current imbalances and phase angles.
- Pressing “E” will display; Energy usage in kWh, kVArh, total energy, net energy, reactive energy, date, time, etc.

Max/Min Mode (Statistics)

- Initially displays max value of phase to neutral voltage.
- Pressing “P” will display; phase voltages, currents, power, power factor, unbalance, energy, THD & Demand.
- Pressing “V/A” will display Min values of the above parameters. Press “V/A” again will toggle back to Max values.

Demand Mode

- Initially displays the three-phase active power, reactive power and apparent power.
- Pressing “P” will display the three-phase current demand.

Harmonic Mode (Power Quality)

- Initially displays the total harmonic distortion (THDv) of voltage.
- Pressing “H” will display; the Odd, then Even harmonic distortion of voltage, THFF, Crest factor, THD of current, the Odd, then Even distortion of current, then K- Factor of current.
- Pressing “V/A” will display the 2nd harmonic ratio of voltage.
- Pressing “P” will display the 3rd harmonic ratio of voltage.
- Pressing “P” again will display; the 4th to the 63rd harmonic ratio of voltage.
- Pressing “V/A” any time will display the harmonic ratio of current or toggle to the ratio of voltage.
- Pressing “E” will reverse the direction back to down to the 2nd harmonic ratio.
- Pressing “H” will return to the 1st harmonic ratio.