

YOKOGAWA WT130 Power Meter



Instrument Functions

Voltage, Current, Frequency, Apparent Power, Reactive Power, Power Factor and Phase Angle Measurement and recording.

Filter: This instrument carries out various measurements after synchronizing the frequency of the input signal.

Display Function: This function enables display of measured/computed values using three red high-intensity 7-segment LED displays.

Computing Functions: Based on the measurement values of voltage, current and active power, the values of apparent power, reactive power, power factor and phase angle can be computed.

Scaling Function: This function enables display of the measured values in terms of primary-side values.

Averaging Function: This function is used to perform exponential or moving averaging on the measured values before displaying them in cases where the measured values are not stable.

Integrator Functions: This function enables integration of active power and current.

Frequency Measurement Function: This function enables measurement of the frequency of input voltage and current.

Harmonic Analysis Function: This function enables computation of voltage, current, active power and so forth of up to the 50th order.

Storage/Recalling of Measurement Data and Setting Parameters:

This function enables the storage of measurement data and setting parameters into the internal memory. Furthermore, after recalling measurement data or setting parameters, these data can be displayed or output by communication interface.

Comparator Function: This function compares the measured values of voltage, current, active power, apparent power, reactive power, power factor and phase angle and such with preset limit values.