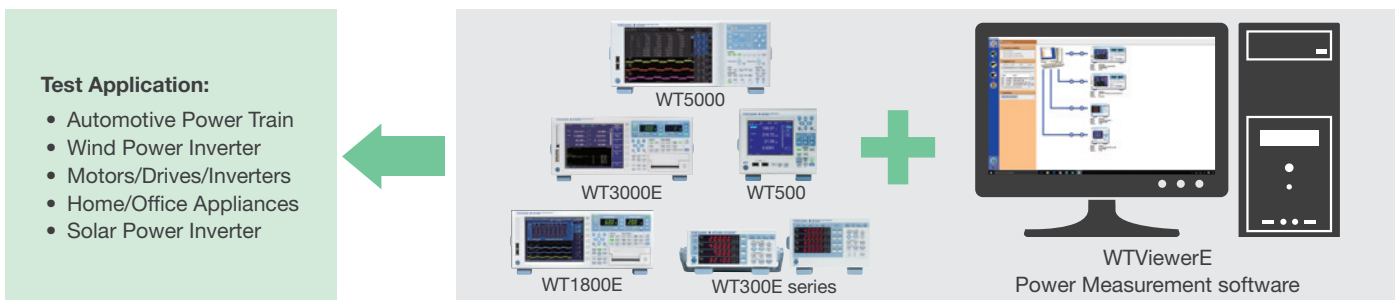


Application Software for WT series Power Analyzers 761941 WTVIEWER E

Powerful software tool to maximize the capability of WT5000 and other WT series

WTVIEWER E software enables PC connectivity for Yokogawa power analyzers such as the WT5000, WT3000E, WT1800E, WT500 and WT300E through Ethernet, USB, GPIB or RS232. With multichannel measurements, multi-unit connectivity and multilingual support, the WTVIEWER E allows users to easily control, monitor, collect, analyze, and save remote measurements from up to any 4 power analyzers simultaneously.



Real-time Control

WTVIEWER E allows users to analyze and control remote measurements in real-time or use previously acquired data. In the online mode, users have real time control of measurements from each connected instrument, allowing them to remotely start or stop integration or collect live measurement values. In the offline mode as well users can analyze the latest acquired or previously stored data.

Multichannel Measurements

With the WTVIEWER E, users can simultaneously view up to 12 waveforms, 8 trends, 8 vectors and 6 harmonic bar graphs in split screen mode or zoom in using cursors for more detail on a particular area of interest. Users can also customize, save and load screen layouts as well as specify the data to be saved in CSV format. The software also allows users to create custom computations combining values from multiple power analyzers.



With customizable split screen display of readings in numeric, bar, trend or vector formats, the WTVIEWER E simplifies the acquisition, storage and analysis of multichannel measurements from up to 4 power analyzers simultaneously.

Multi-unit Connectivity

WTVIEWER E enables synchronized measurement of up to 4 WT instruments in any combination regardless of model, element type or optional modules. The software auto detects connected instruments and displays a list from which users can modify wiring systems, voltage and current ranges, update intervals, synchronization sources, display formats and other measurement conditions.

Precision Making

Ideal for multichannel power measurements

The WTViewerE allows users to:

- Connect, synchronize and configure up to four power analyzers in any combination via Ethernet, USB, GPIB or RS232
- Remotely monitor, collect, and analyze live or stored multichannel measurements in a numeric, bar, trend, or vector formats
- Perform user defined computations combining values from multiple power analyzers
- Save or load configurations, measurement data, screen layouts and more

Overview of specifications

Compatible WT series models

Series	Models	Firmware version
WT5000	WT5000	No restriction
WT3000E/WT3000 series	WT3001E/WT3002E/WT3003E/WT3004E	No restriction
	WT3000 (760301/760302/760303/760304)	6.11 or later
WT1800E/WT1800 series	WT1801E/WT1802E/WT1803E/WT1804E/WT1805E/WT1806E	No restriction
	WT1801/WT1802/WT1803/WT1804/WT1805/WT1806	2.31 or later
WT500 series	WT500 (760201/760202/760203)	1.21 or later
WT300E/WT300 series	WT310E/WT310EH/WT332E/WT333E	No restriction
	WT310/WT310HC/WT332/WT333	

Functions

Measuring items	Normal, Harmonics, Integration
Display screens	Numeric, Waveform ^{1,4} , Trend, Harmonic list ² , Harmonic bar graph ² , Vector ^{2,3} and Analysis graph
Data acquisition interval	50 ms at maximum speed
Data conversion	Numeric and Waveform data: CSV format (.csv)
Languages supported	English, Japanese, Simplified Chinese, French, German, Hungarian, Korean, Russian, Spanish, Italian

*1 Harmonic measurement option must be installed in the WT300 or WT300E.

*2 Harmonic measurement option must be installed in the WT.

*3 A vector window cannot be displayed on the WT300 or WT300E.

*4 When WT update interval is 1 second or longer and the WT waveform observation period is same as the update interval, measured waveform data can be acquired continuously. Continuous waveform data cannot be acquired from the WT300 or WT300E.

System Requirements

PC	Equivalent to Intel Core i5-2430M or higher with 4 GB RAM or higher and 1 TB free space on HDD
Operating system	English version of Windows 7, Windows 8.1, or Windows 10
Communication interface	GPIB, RS232, Ethernet (10BASE-T, 100BASE-TX, or 1000BASE-T), USB Rev. 1.1 or higher

Model

Model	Product name
761941	WTViewerE

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NOTICE

- Before operating the product, read the user's manual thoroughly for proper and safe operation.

YOKOGAWA

<https://tmi.yokogawa.com/>

YMI-KS-MI-SE07

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