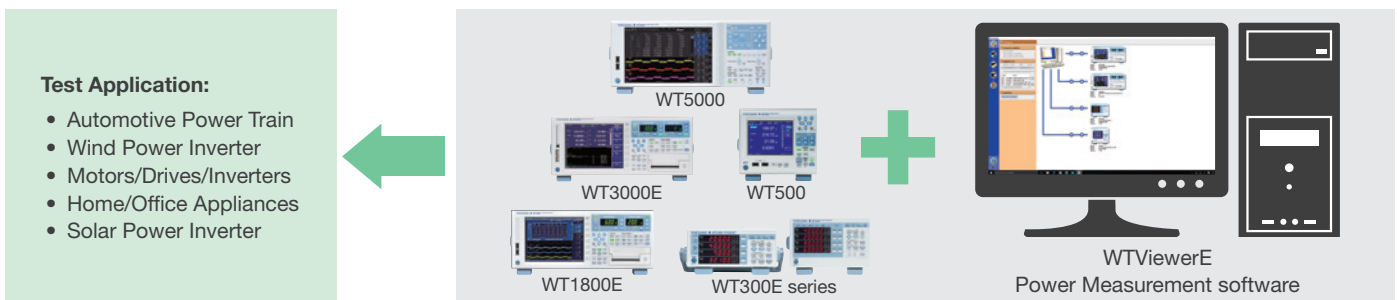


Application Software for WT series Power Analyzers 761941 WTVIEWER E

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

LF 761941-01EN

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*} , Trend, Harmonic list ^{*2} , Harmonic bar graph ^{*2} , Vector ^{*2*} 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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