Power measurement software

For WT3000E, WT1800E, WT500, WT300E and PX8000

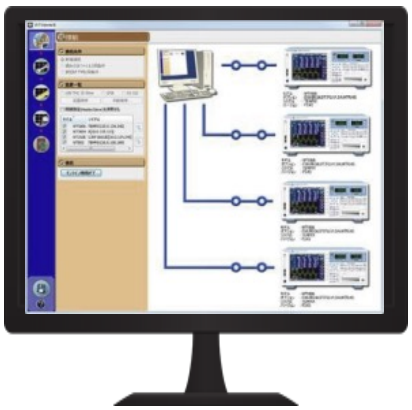
Yokogawa provides a comprehensive suite of software tools to complement and support your power measurement tasks. This is a summary of the most popular PC software available for Yokogawa power measurement solutions together with details of where to get them.
If you are viewing a printed copy of this summary or a link is broken, all the software can be found at: https://y-link.yokogawa.com/.

WTViewerE

WTViewerE software enables users to remotely control, monitor, collect, analyze, and save multichannel measurements from up to four power analyzers simultaneously. It allows you to:

- Connect, synchronize and configure up to four WT units via Ethernet, USB, GPIB or RS232
- Analyze and control remote measurements in real-time or use previously acquired data
- Simultaneously view up to 12 waveforms, 8 trends, 8 vectors and 6 harmonic bar graphs in split screen mode or zoom in for detail using cursors.
- Modify wiring system, voltage and current range, update interval, synchronization source etc.
- Save/load configurations, measurement data , screen layouts and more.
- Compatible models: WT3000E, WT3000, WT1800E, WT1800, WT500, WT330E,WT330, WT310E WT310

Download the free 30 day trial of WTViewerE.



WTViewerEfree

The WTViewerEfree is a free software offering remote multi-channel measurements from any one unit at a time.
With split screen display of readings in numeric, bar, trend or vector formats, the WTViewerEfree simplifies the acquisition, storage and analysis of multichannel measurements via the WT3000E, WT3000, WT1800E, WT1800 and WT500.
Download WTViewerEfree.

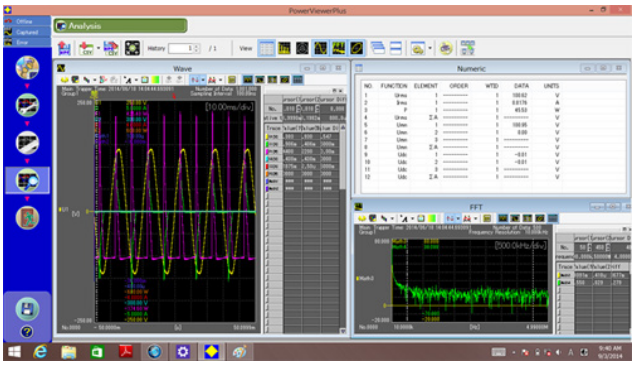
WTViewerFreePlus (exclusive to WT300/WT300E)

WTViewerFreePlus allows you to connect up to four units of WT310E. WT310, WT330 or WT330E for simultaneous measurement and analyses of numeric, harmonic and waveform data . Users can view and save data on a PC using USB, GPIB, RS-232, or Ethernet.
Download WTViewerFreePlus

PowerViewerPlus for PX8000

The PowerViewerPlus enables PC-based remote control, acquisition and analysis of high-frequency and transient power signals from a PX8000 Precision Power Scope. The PoweViewerPlus enables:

- Remote control and monitoring of a single PX8000
- Display of the main waveform, zoom waveform, history, XY waveform, and the measurement result
- Calculation of waveform parameters and saving data
- Conversion of multiple files (WPF → CSV)
- User-defined computations (32 math expressions)



Download the free 30 day trial of PowerViewerPlus.

Harmonic Analysis Software

The 761922 Harmonic/Flicker Measurement Software enables engineers to perform compliance tests using WT3000/WT3000E power analyzers in conformance with IEC Harmonic and Flicker standards such as EN61000-3-2 / IEC61000-3-2, EN61000-3-12 / IEC61000-3-12 , JIS C 61000-3-2 , EN61000-3-3 / IEC61000-3-3 and EN61000-3-11 / IEC61000-3-11

Download the trial version of Harmonic Analysis Software.

Standby Power Measurement Software

The Standby Power Measurement software allows users of WT3000, WT3000E, WT1800, WT1800E, WT300 or WT300E to perform measurements and generate compliance reports based on IEC62301 Ed2.0(2011) and EN 50564:2011 standards. The reports feature parameters such as total harmonic distortion(THD), crest factor, RMS voltage, frequency, measurement period and power.

Download the free Standby Power Measurement Software.*

*Only for registered products

LabVIEW drivers

LabVIEW is a graphical programming environment used by millions of engineers and scientists to develop sophisticated measurement, test, and control systems using intuitive graphical icons and wires that resemble a flowchart.
By utilising the LabVIEW driver written for the instrument, a developer can dramatically reduce the amount of work required to enable a PC to control the instrument from within the LabVIEW environment.

Click here to find the free LabVIEW driver for your instrument by performing a keyword search on “LabVIEW” in the“Power Measuring Instruments” category.

TMCTL - Control libraries

TMTCL is a DLL (Dynamic Link Library) which enables you to easily develop Microsoft Visual C++, C# and Microsoft Visual Basic programs for communication between the PC and Yokogawa instruments.
It supports GPIB, RS232, USB, USBTMC, Ethernet and VXI-11 interfaces.

Download the free developer software.

.NET Framework

DLTerm - Command line tool

DLTerm is a command line tool for use with the TMCTL library and can be used to develop communication programs.
You can therefore rapidly create prototype code to automate sequences of capture, measurement and analysis tasks before writing a fully custom software routine.

Download the free developer software.

Sample communication programs

These are software development sample programs written in Microsoft Visual Basic , Microsoft C# and Microsoft Visual C++. Install the TMTCL library first.

Click on the links below to download the sample programs:

- WT3000E
- WT1800E
- WT500
- WT300E
- PX8000

About Yokogawa Test & Measurement

For the full set of software available for Yokogawa measurement instruments scan the QR code.

For more information, visit www.tmi.yokogawa.com.

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