YOKOGAWA

WT Series

Power Analyzer WT series

WT3000

Basic Accuracy: 0.06%
Frequency range: DC, 0.1 Hz to 1 MHz

WT500

Basic Accuracy: 0.2%
Frequency range: DC, 0.5 Hz to 100 kHz

WT1800

Basic Accuracy: 0.15%
Frequency range: DC, 0.1 Hz to 1 MHz

WT330

Basic Accuracy: 0.2%
Frequency range: DC, 0.5 Hz to 100 kHz

WT310

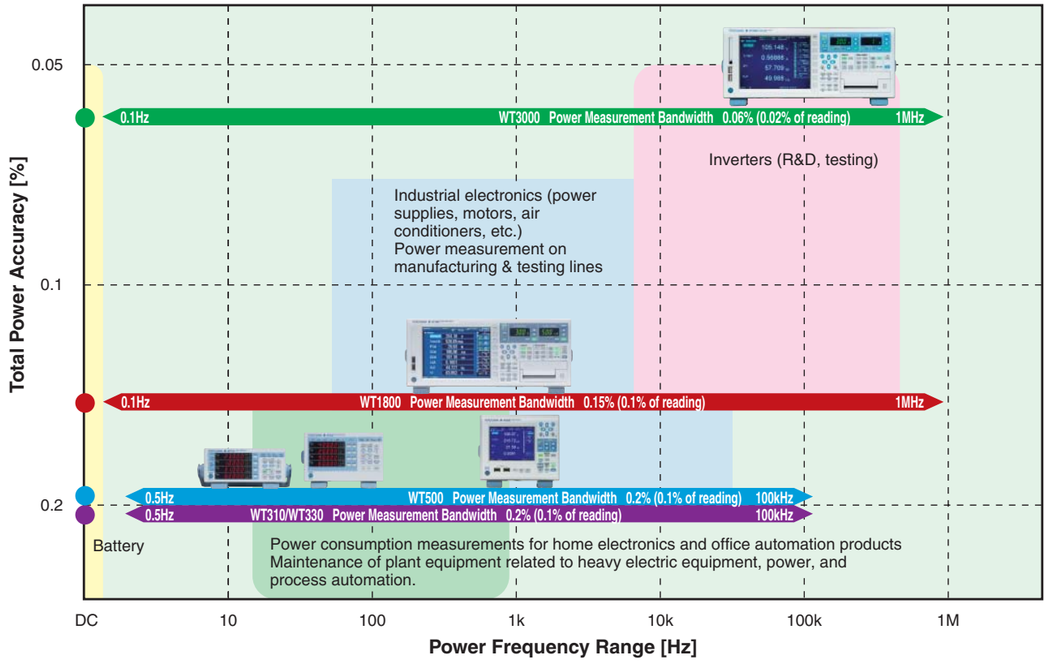
Basic Accuracy: 0.2%
Frequency range: DC, 0.5 Hz to 100 kHz

3-Year Warranty

CE

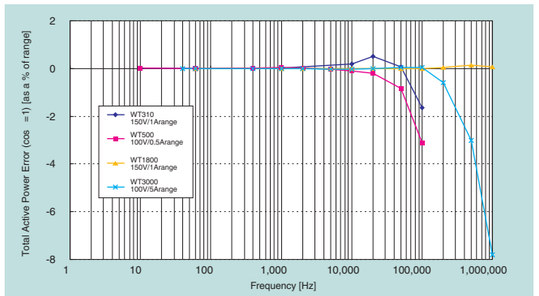
Bulletin 7600-00E

Yokogawa's WT Series Power Analyzers: Advanced Technology and High Reliability for a Wide Range of Power Measurement Solutions

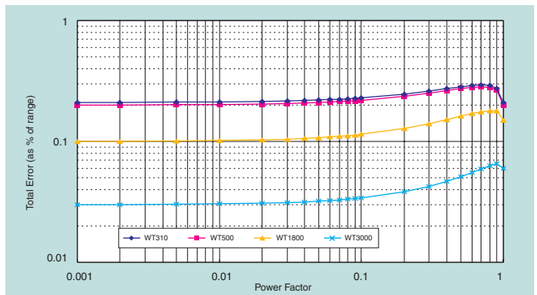


Specification of WT Series

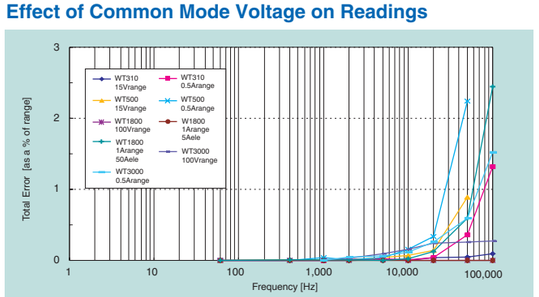
Frequency versus Power Accuracy at Unity Power Factor (example)



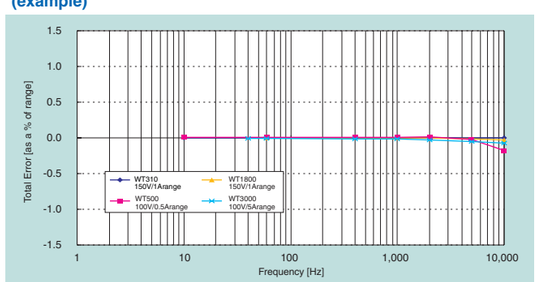
Total power error with rated range input for an arbitrary power factor (50/60Hz)



Effect of Common Mode Voltage on Readings



Frequency versus Power Accuracy at Zero Power Factor (example)



Dim. 426 (W) × 177 (H) × 459 (D) mm
Approximately 15 kg
(main unit with four elements installed)

WT3000

High end model with world-class accuracy and stability that also offers support for IEC/JIS standards testing

- Power measurement frequency range: DC, 0.1 Hz to 1 MHz
- Basic power accuracy: 0.02% of reading.
- Harmonic analysis and voltage fluctuation/flicker measurement conforming to IEC61000-3-2, JIS C61000-3-2, IEC61000-3-3, IEC61000-3-11 and IEC61000-3-12 (optional)
- Select a current input element of 5 mA to 2 A or 0.5 A to 30 A.
- A variety of options available for FFT analysis, cycle-by-cycle measurement, and other functions.

Dim. 426 (W) × 177 (H) × 459 (D) mm
Approximately 15 kg
(main unit with six input elements installed)

WT1800

Vivid waveform and vector display and a wide range of features for a variety of applications

- Power measurement frequency range: DC and 0.1 Hz to 1 MHz
- Basic power accuracy: 0.1% of reading.
- High frequency sampling: 2 MS/s
- Wide current input range (10 mA to 5 A or 1 A to 50 A range)
- As many as six input elements can be installed to enable simultaneous three-phase power measurements on two separate systems.
- Motor evaluation function (torque, rotating speed inputs) enables computation of total motor efficiency. (optional)

Dim. 213 (W) × 177 (H) × 450 (D) mm
Approximately 6.5 kg
(main unit with three elements installed)

WT500

Middle class power analyzer with compact design and 1000V/40A input

- Single-phase and three-phase power measurement model
- Power measurement frequency range: DC, 0.5 Hz to 100 kHz, Basic Power Accuracy: 0.1% of reading.
- Compact body enables maximum 1000 V and 40 A input performance
- Power logger saving measured data to USB memory in binary or CSV format up to 1 GB directly
- A variety of display formats like numeric, waveforms, trends and bar graph

Dim. 213 (W) × 132 (H) × 350 (D) mm
Approximately 5 kg

WT330

Compact three-phase model with optional harmonic measurement function

- Three-phase model (three-phase, three-wire: two input elements; three-phase, four-wire: three input elements)
- Power measurement frequency range: DC and 0.5 Hz to 100 kHz
- Basic power accuracy: 0.1% of reading.
- Max. 3 channels simultaneous Harmonic measurement (needs /G5 option)
- A variety of other features, including line filter, maximum hold, and integration function with categorization of positive and negative polarity, and average active power function

Dim. 213 (W) × 88 (H) × 350 (D) mm
Approximately 3 kg

WT310

Low-priced model providing mobility for standalone measurement of standby consumed power and rated power

- Single-phase model
- Power measurement frequency range: DC and 0.5 Hz to 100 kHz (WT310HC: up to 20kHz)
- Basic power accuracy: 0.1% of reading.
- Wide current input range (5 mA to 20 A) (WT310HC 1A to 40A)
- A variety of other features, including line filter, maximum hold, and integration function with categorization of positive and negative polarity, and average active power function

There are limitations on some specifications and functions. See the individual product catalogs for details.

Select the Best Model for Your Applications

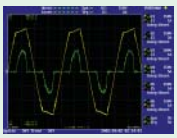
■ Specifications for WT Series

		WT1800	WT3000	WT500	WT300
Range	Basic power accuracy (50/60Hz)	0.1% of reading + 0.05% of range	0.02% of reading + 0.04% of range	0.1% of reading + 0.1% of range	0.1% of reading + 0.1% of range
	Power frequency range	DC, 0.1 Hz ~ 1 MHz	DC, 0.1 Hz to 1 MHz	DC, 0.5 Hz to 100 kHz	DC, 0.5 Hz to 100 kHz
	Input elements	1, 2, 3, 4, 5, 6	1, 2, 3, 4	1, 2, 3	1(WT310/WT310HC), 2(WT332), 3(WT333)
	Voltage range	1.5/3/6/10/15/30/60/100/150/300/600/1000[V]	15/30/60/100/150/300/600/1000[V]	15/30/60/100/150/300/600/1000[V]	15/30/60/100/150/300/600[V]
	Current range (direct input)	10m/20m/50m/100m/200m/500m/1/2/5[A] or, 1/2/5/10/20/50[A]	5m/10m/20m/50m/100m/200m/500m/1/2[A] or, 0.5/1/2/5/10/20/30[A]	500m/1/2/5/10/20/40[A]	5m/10m/20m/50m/0.1/0.2/0.5/1/2/5/10/20[A](WT310) 0.5/1/2/5/10/20[A](WT332/WT333) 1/2/5/10/20/40[A](WT310HC)
	Current range (external sensor input)	50m/100m/250m/500/1/2.5/5/10[V]	50m/100m/200m/500/1/2/5/10[V]	50m/100m/200m/500m/1/2/5/10[V] (option)	50m/0.1/0.2/0.5/1/2[V] or 2.5V/5/10[V](options)
	Guaranteed accuracy range for voltage and current	1% to 110%	1% to 130%	1% to 110%	1% to 130%
Measurement parameters	Main measurement parameters	Voltage, current, active power, reactive power, apparent power, power factor, phase angle, peak voltage, peak current, crest factor			
	Peak hold (instantaneous maximum value hold)	✔	✔	✔	✔
	MAX hold	✔	✔	✔	✔
	Voltage RMS/MEAN simultaneous measurement	✔	✔	✔	✔
	Average active power	✔ (user-defined function)	✔ (user-defined function)	✔ (user-defined function)	✔
	Average Active power integration (WP)	✔	✔	✔	✔
	Apparent power integration (WS)	✔	✔	✔	
	Reactive power integration (WQ)	✔	✔	✔	
	Frequency	3ch (up to 12 channels with option /FQ)	2ch (up to 8 channels with option /FQ)	2ch (up to 6 channels with option /FQ)	2ch
	Efficiency	✔	✔	✔	✔(WT332/WT333)
	Motor evaluation	Torque and rotational velocity input (/MTR)(opt.)	Torque, rotating speed input (motor version)(opt.)		
	FFT spectral analysis		(/G6)(opt.)		
	User-defined functions	✔ (20 functions)	✔ (20 functions)	✔ (8 functions)	
Display	Display	8.4-inch TFT color LCD (XGA)	8.4-inch TFT color LCD	5.7-inch TFT color LCD	7-segment display
	Display format	Numerical values, waveforms, trends, bar graphs, vectors	Numerical values, waveforms, trends, bar graphs, vectors	Numeric values, waveforms, trends, bar graphs, vectors	Numeric values (4 values)
	Sampling frequency	Approximately 2 MS/s	Approximately 200 kS/s	Approximately 100 kS/s	Approximately 100 kS/s
Measurement / functions	Harmonic measurement	(/G5)(opt.)	(/G6)(opt.)	✔ (/G5 option)	(/G5 option)
	Dual Harmonic Measurement	(/G6)(opt.)			
	IEC standards-compliant harmonic measurement		(/G6)(opt.)(10cycle/50Hz, 12cycle/60Hz)		
	Flicker measurement		(/FL)(opt.)		
	Cycle by cycle measurement		(/CC)(opt.)		
	Delta calculation function	(/DT)(opt.)	(/DT)(opt.)	✔ (/DT option)	
	DA output	20 channels (/DA)(opt.)	20 channels (/DA)(opt.)		4 channels(/DA4, WT310/WT310HC) 12 channels(/DA12, WT332/WT333)
	Storage (internal memory for storing data)	Approximately 32MB	Approximately 30MB	Approximately 20MB (Intenal memory) (saving directly to USB memory up to 1GB)	Max. 9000 samples(WT310/WT310HC) Max. 4000 samples(WT332) Max. 3000 samples(WT333)
Other features	Interfaces	GPIB, USB, Ethernet, RGB Output(V1)	GP-IB; RS-232 (/C2)(opt.); USB (/C12); VGA output (/V1)(opt.); Ethernet (/C7)(opt.)	USB, GP-IB(/C1))(opt.) or Ethernet(/C7))(opt.) or VGA output(/V1))(opt.)	Ethernet(/C7, Option), GP-IB(-C1) or RS-232(-C2), and USB
	Data updating interval	50m/100m/250m/500m/1/2/5/10/20[S]	50m/100m/250m/500m/1/2/5/10/20[S]	100m/200m/500m/1/2/5[S]	100m/250m/500m/1/2/5[S]
	Removable storage	○ USB	PC card interface; USB (/C5)(opt.)	USB	
	Built-in printer	front side (/B5)(opt.)	front side (/B5)(opt.)		

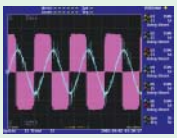
There are limitations on some specifications and functions. See the individual product catalogs for details. (opt.):Optional

Application

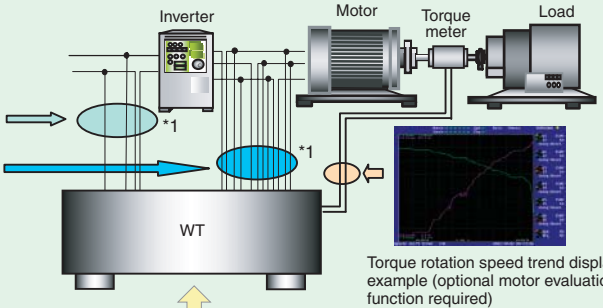
● Power measurement for motors and inverters (with the WT3000, WT1800). Select the model that fits your measurement application.



Input signal example



Output signal example



Torque rotation speed trend display example (optional motor evaluation function required)

*1 CT series can measure large current up to 1000A peak

AC/DC Current sensor CT series

WT3000

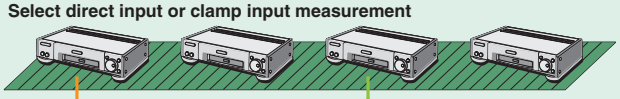
Top-Class, High Precision Measurement
Offers high precision measurement with world-class basic power accuracy of ±0.02%. High-end model with an array of optional advanced computation functions.

WT1800

Wide Range Multichannel Measurement
High-functionality model with up to 6 channels of multichannel capability and expandable to wide ranges of 1.5 V to 1000 V and 10 mA to 50 A.

● Power Data Acquisition for the Pursuit of Cost-Performance (WT500, WT300)

Select direct input or clamp input measurement



Clamp probe

WT500
Input range
15V to 1000V
0.5A to 40A

WT310/WT310HC
Input range
15V to 600V
5mA to 20A(WT310)
1A to 40A(WT310HC)

WT332/WT333
Input range
15V to 600V
0.5A to 20A

(effective input level is more than 1% of input range)

External sensor input (Option)

WT500 WT310 WT330

High-Speed data acquisition unit SL1000

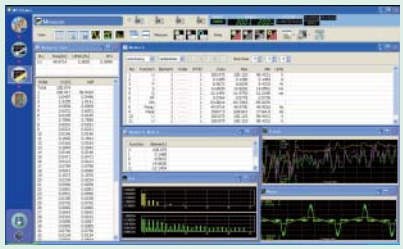
D/A Output (Option)

USB, GP-IB or RS-232(St'd), Ethernet(Option)

USB, Ethernet (option) or GP-IB (option)

■ Large-current Measurement Using Current Clamps External input for current sensor

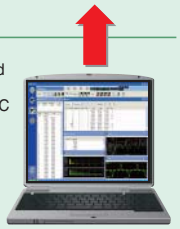
Select either 50m/0.1/0.2/0.5/1/2V or 2.5/5/10 V for WT300 and 50 mV to 10 V for WT500. A current clamp lets you measure currents without needing to disconnect the power supply circuit wiring.



Display of WTViewerFreePlus for WT300

■ Application Software

WTViewerFreePlus is a software application that allows you to load numeric and waveform data measured with the WT300 to a PC via USB, GP-IB or RS-232(selectable) and Ethernet (optional).



■ Recording to a Recorder

This option of WT310/WT330 lets you output a variety of measurement data, such as voltage, current, and power measurements, with ±5 V rating, for recording on a recorder. The recorder can then be used to check changes in data over time.

■ Harmonic Measurements

Calculate voltage, current, reactive power, phase angle relative to fundamental frequency for up to 50 orders and total harmonic distortion (THD). This option can choose the maximum degree of THD calculation, and it is well-suited to IEC standard compliant test and power supply environment evaluations.

● IEC/JIS Standard Test (WT3000)

Shorten evaluation time for Low frequency EMC Standards

The measurement procedures and settings for harmonic/flicker standards testing have been precisely defined. Engineers must also stay current with the specialized knowledge and up-to-date information required to periodically review the contents of the standards and perform the standards conformance tests. The model 761922 Harmonic/Flicker Measurement Software enables engineers without specialized knowledge to perform a range of operations using the WT3000 Precision Power Analyzer including judging standards compliance and outputting test reports.

■ Supported Standards

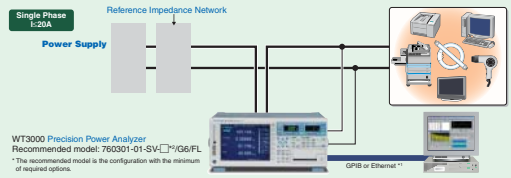
- **Harmonics**

EN61000-3-2 / IEC61000-3-2	Limits for harmonic current emissions (Equipment i rated current of 16 A per phase or less)
EN61000-3-12 / IEC61000-3-12	Limits for harmonic current emissions (Equipment rated current is of 75 A per phase or less, and more than 16 A per phase)
JIS C 61000-3-2	Limits for harmonic current emissions (Equipment rated current of 20 A per phase or less)

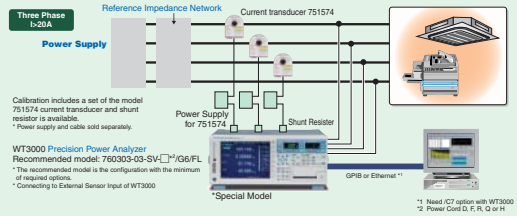
- **Voltage fluctuation/flicker**

EN61000-3-3 / IEC61000-3-3	Limitation of voltage fluctuations and flicker (Equipment rated current of 16 A per phase or less, and not subject to conditional)
EN61000-3-11 / IEC61000-3-11	Limitation of voltage fluctuations and flicker supply systems (Equipment rated current of 75 A or less, and subject to conditional)

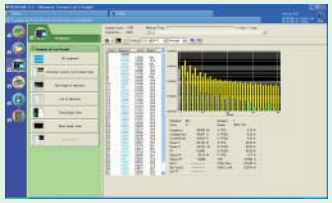
Below 20A: Direct input

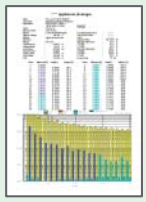


20A to 75A: Transducer input



◆ Harmonic/Flicker Measurement Software 761922





Example of IEC61000-3-12 testing display

Example of IEC61000-3-11 testing display

■ Wiring Types and Model Numbers

Wiring type	Required input modules	WT300	WT500
Single-phase 2-wire	1	WT310/WT310HC	760201
Single-phase 3-wire	2	WT332	760202
3-phase 3-wire (2 voltages, 2 currents) *	2	WT332	760202
3-phase 3-wire (3 voltages, 3 currents) *	3	WT333	760203
3-phase 4-wire	3	WT333	760203

For WT3000, WT1800, use the above table as a reference in determining the number of input modules.
*Measured using the 2 powermeter method

Related Products for Power Measurement

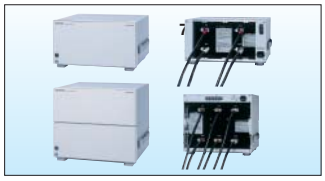
Current Sensor Unit　Current Clamp-on Probes

CT60/CT200/CT1000 Current Output

Current Sensors
DC~800 kHz/60 Apk, DC~500 kHz/200 Apk, DC~300 kHz/1000 Apk

751552 Current Output

Current Clamp on Probe
AC 1000 Arms (1400 Apeak)

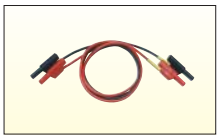


751521,751523 Current Output

Current Sensor Unit
DC to 100 kHz/600 Apk

*751521/751523 and CT series do not conform to CE Marking.

Connectors and Cables



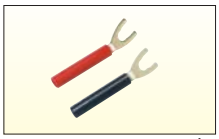
758917
Test lead set

758922 ⚠
Alligator clip adapters (small)

758929 ⚠
Alligator clip adapters (large)

758923 *1
Safety terminal adapter set

758931 *1
Safety terminal adapter set

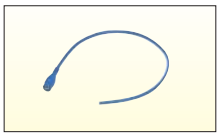


758921 ⚠
Fork terminal adapter

701959 ⚠
Safety mini-clip set (hook Type)

758924
Conversion adapter

366924/25 *2 ⚠
BNC cable



B9284LK *3 ⚠
External Sensor Cable

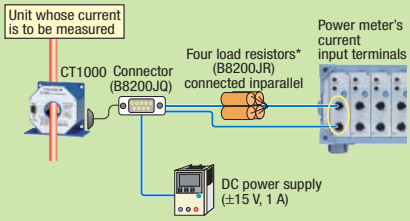
⚠ Due to the nature of this product, it is possible to touch its metal parts. Therefore, there is a risk of electric shock, so the product must be used with caution.

*1: These accessories do not conform to CE Marking.
*2: Use these products with low-voltage circuits (42 V or less).
*3: The coax cable is simply cut on the current sensor side. Preparation by the user is required.

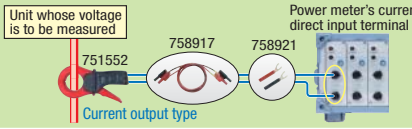
Typical Voltage/Current Connections

Measurement using current sensor

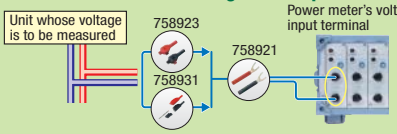
Connection example



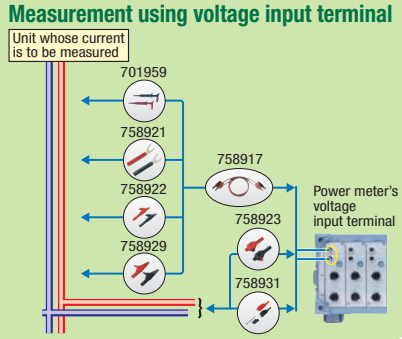
Measurement using clamp-on probe



Current measurement using direct input terminal



Measurement using voltage input terminal



* A burden resistor is required for the CT1000, CT200, CT60, and 751574.

Software

● WTViewer760122 (WT3000/WT1800/WT500)

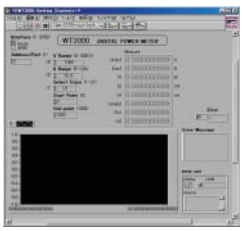
WTViewer is a software application that allows you to load numerical and waveform data measured by the WT3000 Precision Power Analyzer, WT1800 Precision Power Analyzer or WT500 Power Analyzer onto a PC via GP-IB, serial (RS-232, excluding WT500), Ethernet, or USB communications for waveform display and analysis/saving of the data.

Model Compatibility Chart for Communications with WTViewer

Product	GP-IB	RS-232	Ethernet	USB
WT3000	Standard	Option[1]	Option	Option[1]
WT1800	Standard	×	Standard	Standard
WT500	Option	×	Option	Standard

Standard: Supported (WT communication comes standard)
Option: Supported (WT communication optional)
×: Not supported (not a function of the WT main unit)
1 : An RS-232 and USB port (PC) cannot both be installed on a single WT main unit.
Note) When connecting the WT and WTViewer, simultaneous connections with multiple instances of communication, and simultaneous data acquisition with a mixed configuration of models are not possible.

● LabView Driver



Data acquisition possible using LabVIEW. LabVIEW drivers can be downloaded from our Web site.

• LabVIEW is a registered trademark of National Instruments Corporation.

Please check our Web site for details on the various software programs.

Data Acquisition and Remote Control Using a PC

Model and Suffix Codes

WT300 Series

Model	Suffix Code		Description
WT310			1 Input element model
Power Cord	-D		UL, CSA standard, PSE
	-F		VDE standard
	-R		AS standard
	-Q		BS standard
	-H		GB standard
	-N		NBR standard (for Brazil)
Communication Interface *USB is standard	-C1	select one	GP- IB
	-C2		RS- 232
Optional function	/C7		Ethernet interface
	/EX1	select one	External sensor input 2.5V/5V/10V
	/EX2		External sensor input 50mV/100mV/200mV/500mV/1V/2V
	/G5		Harmonics Measurement
	/DA4		D/A- output(4CH)
Model	**Suffix Code**		**Description**
WT310HC			1 Input element /High current model
Power Cord	-D		UL, CSA standard, PSE
	-F		VDE standard
	-R		AS standard
	-Q		BS standard
	-H		GB standard
	-N		NBR standard (for Brazil)
Communication Interface *USB is standard	-C1	select one	GP- IB
	-C2		RS- 232
Optional function	/C7		Ethernet interface
	/EX1	select one	External sensor input 2.5V/5V/10V
	/EX2		External sensor input 50mV/100mV/200mV/500mV/1V/2V
	/G5		Harmonics Measurement
	/DA4		D/A- output(4CH)
Model	**Suffix Code**		**Description**
WT332			2 Input elements model
WT333			3 Input elements model
Power Cord	-D		UL, CSA standard, PSE
	-F		VDE standard
	-R		AS standard
	-Q		BS standard
	-H		GB standard
	-N		NBR standard (for Brazil)
Communication Interface *USB is standard	-C1	select one	GP- IB
	-C2		RS- 232
Optional function	/C7		Ethernet interface
	/EX1	select one	External sensor input 2.5V/5V/10V
	/EX2		External sensor input 50mV/100mV/200mV/500mV/1V/2V
	/G5		Harmonics Measurement
	/DA12		D/A- output(12CH)

Standard accessories
Power cord(1set), Rubber foot(1set), Current input protective cover(each 1 set), Start up guide(1set), Connector (provided only with /DA4 or /DA12, each 1set), Safety terminal adapter 758931(provided two adapters in a set times input element number), CD(1piece,included the startup guide, user guide, instruction manual and the communication manual by PDF data, and Viewer Software)

Precision Power Analyzer WT3000

Model	Suffix Codes		Description
760301			WT3000 1 input element model
760302			WT3000 2 input elements model
760303			WT3000 3 input elements model
760304			WT3000 4 input elements model
Element number	-01	30A input element	for 760301 model
	-02		for 760302 model
	-03		for 760303 model
	-04		for 760304 model
	-10	2A input element	for 760301 model
	-20		for 760302 model
	-30		for 760303 model
	-40		for 760304 model
Version	-SV		Standard Version
	-MV		Motor Version
Power cord	-D		UL/CSA standard
	-F		VDE standard
	-R		SAA standard
	-Q		BS standard
	-H		GB standard
	-N		NBR standard
Options	/G6		Advanced Computation (IEC standard testing*, harmonic, FFT, Waveform computation)
	/B5		Built-in Printer
	/DT		Delta Calculation
	/FQ		Add-on Frequency Measurement
	/DA		20ch D/A output
	/V1		VGA Output
	/C2	Select one	Serial (RS-232) Interface
	/C12		USB port (PC)
	/C5		USB port (Peripheral)
	/C7		Ethernet function
	/CC		Cycle by Cycle
	/FL		Voltage Fluctuation, Flicker

* requires 761922 software
Note: Adding input modules after initial product delivery will require rework at the factory. Please choose your models and configurations carefully, and inquire with your sales representative if you have any questions.

WT500

Model	Suffix Codes	Description
760201		WT500 1 input element model
760202		WT500 2 input elements model
760203		WT500 3 input elements model
Power cord	-D	UL/CSA standard
	-F	VDE standard
	-R	SAA standard
	-Q	BS standard
	-H	GB standard
Options	/C1	GP-IB interface
	/C7	Ethernet interface
	/EX1	External sensor input for 760201
	/EX2	External sensor input for 760202
	/EX3	External sensor input for 760203
	/G5	Harmonic Measurement
	/DT	Delta computation (760202/03 only)
	/FQ	Add-on Frequency Measurement (760202/03 only)
	/V1	VGA Output

Note: Adding input modules after initial product delivery will require rework at the factory. Please choose your models and configurations carefully, and inquire with your sales representative if you have any questions.

WT1800

Model	Suffix codes	Description					
WT1800 Single input element							
WT1801	-01	50 A					
	-10	5 A					
WT1800 2 input elements							
WT1802	-02	50A	50 A				
	-11	5 A	50 A				
	-20	5 A	5 A				
WT1800 3 input elements							
WT1803	-03	50 A	50 A	50 A			
	-12	5 A	50 A	50 A			
	-21	5 A	5 A	50 A			
	-30	5 A	5 A	5 A			
WT1800 4 input elements							
WT1804	-04	50 A	50 A	50 A	50 A		
	-13	5 A	50 A	50 A	50 A		
	-22	5 A	5 A	50 A	50 A		
	-31	5 A	5 A	5 A	50 A		
	-40	5 A	5 A	5 A	5 A		
WT1800 5 input elements							
WT1805	-05	50 A	50 A	50 A	50 A	50 A	
	-14	5 A	50 A	50 A	50 A	50 A	
	-23	5 A	5 A	50 A	50 A	50 A	
	-32	5 A	5 A	5 A	50 A	50 A	
	-41	5 A	5 A	5 A	5 A	50 A	
	-50	5 A	5 A	5 A	5 A	5 A	
WT1800 6 input elements							
WT1806	-06	50 A	50 A	50 A	50 A	50 A	50 A
	-15	5 A	50 A	50 A	50 A	50 A	50 A
	-24	5 A	5 A	50 A	50 A	50 A	50 A
	-33	5 A	5 A	5 A	50 A	50 A	50 A
	-42	5 A	5 A	5 A	5 A	50 A	50 A
	-51	5 A	5 A	5 A	5 A	5 A	50 A
	-60	5 A	5 A	5 A	5 A	5 A	5 A

Standard option		
Power cord	-D	UL/CSA standard
	-F	VDE standard
	-R	AS standard
	-Q	BS standard
	-H	GB standard
	-N	NBR standard
Languages	-HE	English menu
	-HG	German menu
	-HC	Chinese menu
	-HR	Russian menu

Additional option			
Options	/EX1	External current sensor input for WT1801	
	/EX2	External current sensor input for WT1802	
	/EX3	External current sensor input for WT1803	
	/EX4	External current sensor input for WT1804	
	/EX5	External current sensor input for WT1805	
	/EX6	External current sensor input for WT1806	
	/B5	Built-in printer	
	/G5	Harmonic Measurement	Select one.
	/G6	Simltaneous Dual Harmonic Measurement	
	/DT	Delta Computation	
	/FQ	Add-on Frequency Measurement	
	/V1	RGB output	
	/DA	20-channel DA Outputs	
	/MTR	Motor Evaluation Function	Select one.
	/AUX	Auxiliary Sensor Inputs	
	/HS	High Speed data Capturing	

* The numbers in the "Description" column have the following meanings.
  50 A: 50 A input element, 5 A: 5 A input element
  Elements are inserted in the order shown starting on the left side on the back.
* GPIB, Ethernet and USB communication come standard.

Note: Adding input elements after initial product delivery will require rework at the factory. Please choose your models and configurations carefully, and inquire with your sales representative if you have any questions

Standard accessories
Power cord, Rubber feet, current input protective cover, User's manual, expanded user's manual, communication interface user's manual, printer roll paper (provided only with /B5), connector (provided only with /DA) Safety terminal adapter 758931 (provided two adapters in a set times input element number)

Accessory (sold separately)

Model/parts number	Product	Description	Order Q'ty
758917	Test read set	A set of 0.8 m long, red and black test leads	1
758922 ⚠	Small alligator-clip	Rated at 300 V and used in a pair	1
758929 ⚠	Large alligator-clip	Rated at 1000 V and used in a pair	1
758923	Safety terminal adapter	(spring-hold type) Two adapters to a set	1
758931	Safety terminal adapter	(screw-fastened type) Two adapters to a set 1.5 mm hex Wrench is attached	1
758921 ⚠	Fork terminal adapter	Banana-fork adapter, Two adapters to a set	1
701959	Safety mini-clip	Hook type, Two in a set	1
758924 ⚠	Conversion adapter	BNC-banana-jack (female) adapter	1
366924 ⚠*	BNC-BNC cable	1 m	1
366925 ⚠*	BNC-BNC cable	2 m	1
B9284LK ⚠	External sensor cable	Current sensor input connector, Length 0.5 m	1
B9316FX ⚠	Printer roll pager	Thermal paper, 10 meters (1 roll)	10

⚠ Due to the nature of this product, it is possible to touch its metal parts. Therefore, there is a risk of electric shock, so the product must be used with caution.
* Use these products with low-voltage circuits (42 V or less).

Rack Mount

Model	Product	Description
751535-E4	Rack mounting kit	For EIA
751535-J4	Rack mounting kit	For JIS

AC/DC Current sensor /Clamp on Probe

Model	Product Name	Description
CT1000	AC/DC Current sensor	DC~300 kHz, ±(0.05% of reading +30uA), 1000 Apk
CT200	AC/DC Current sensor	DC~500 kHz, ±(0.05% of reading +30uA), 200 Apk
CT60	AC/DC Current sensor	DC~800 kHz, ±(0.05% of reading +30uA), 60 Apk
751552	Clamp-on probe	30 Hz~5 kHz, 1400 Apeak(1000 Arms)

* CT series do not conform CE Marking.
* For detailed information, see Power Meter Accessory Catalog Bulletin 7515-52E

Application Software

Model	Product	Description	Order Q'ty
760122	WTViewer Software	Data acquisition software	1
761922	Harmonic/Voltage fluctuation/Flicker Measurement Software	Standard-compliant measurement	1

Yokogawa's Approach to Preserving the Global Environment

- Yokogawa's electrical products are developed and produced in facilities that have received ISO14001 approval.
- In order to protect the global environment, Yokogawa's electrical products are designed in accordance with Yokogawa's Environmentally Friendly Product Design Guidelines and Product Design Assessment Criteria.

NOTICE

- Before operating the product, read the user's manual thoroughly for proper and safe operation.
- If this product is for use with a system requiring safeguards that directly involve personnel safety, please contact the Yokogawa sales offices.

YOKOGAWA

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[Ed : 07/b]
Printed in Japan, 402(KP)