ENERGY SAVING TOOLS
Digital Sampling Power Meters with Superior Cost Performance

Digital Power Meters

WT210/WT230

- Basic power accuracy: 0.1%
- DC measurement, 0.5 Hz to 100 kHz power frequency range
- Compact design (half-rack size)
- 5 mA range for very low current measurements (model WT210 only)
- Line filter function
- High-speed data update (as fast as 10 readings per second)
- Harmonic measurement function available
- User calibration capability

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... and subscribe to “Newswave,” our free e-mail newsletter
The WT230’s advanced specifications and its wide range of functions let you handle all your measurement applications from low-frequency equipment to high frequency inverters using a single power meter.

One unit also handles standby low-power measurements and rated-power measurements (functions available with the WT210 only).

### Functions and Features of the WT210 and WT230

#### A Wide Frequency Range Lets You Work on a Variety of Different Applications

- **Low-frequency Equipment**
  - Low-frequency measurements starting at 0.1 Hz
  - Hertz can be used with evaluations of cycloswitcher and when a motor is started

- **Commercial Power Supplies**
  - Power accuracy is even better in older WT series

- **Inverters**
  - Now you can obtain more precise measurements on high-frequency equipment such as inverters

#### Accuracy Is Assured between 1% and 130%

- **WT210: 50/100 mA**
  - 1% input
  - With 960 01 → Max. 400 Arms

- **WT230: 5 mA**
  - 1% input
  - With 751552 → Max. 1000 Arms

#### Capture a Variety of Signal Types

- **Surge current and maximum load state**
  - MAX hold function for voltage, current, and power
  - This function lets you keep, on the display, voltage and current rms values, and maximum values for active power, apparent power, and reactive power

- **Half-wave Rectification, Intermittent Control, Distortion Waves**
  - Measurement of DC components
  - In addition to using DC inputs, you can obtain precise measurements of signals containing DC components, such as intermittent signals and half-wave rectification signals

- **Noisy Signals**
  - Line filter function (fc = 500 Hz)
  - Measurement of DC components
  - This function lets you measure fundamental wave rms values for inverter input voltages

Instead of taking notes, you can use the internal memory to store and recall settings and field measurement data.

### Powerful Tools for Energy Measurement

#### Extended Energy Measurement Applications

- **Maximum Integration Time: 13.80 hours**
  - Time can be set between 1 second and 10,000 hours (416 days) in 1-second increments

- **Battery equipment applications**
  - Integrating power measurement by polarity
  - Power and current values can be integrated separately for positive and negative polarities
  - Integrated values are shown with the decimal point moving according to the integrated value

- **Applications for a Variety of Add-on Options**
  - A Wide Frequency Range lets you measure currents as low as 25 µA
  - The wide current range (5 mA to 20 A) means a single power meter can be used for applications such as Energy Star® measurements, to measure everything from standby power to rated power

#### Power Supply Harmonic Measurements

- **Calculate voltage, current, reactive power, content ratio, and phase angle relative to fundamental frequency for up to 50 orders**
- **Average active power display**
- **Time can be set between 1 second and 10,000 hours (416 days) in 1-second increments**

### Go/No-Go Evaluations on Testing Lines

- **A 4-channel relay contact output (normal-open and normal-close pair) lets you do Go/No-Go evaluations on production and testing lines**
  - This option lets you control the power meter through a PC, or save data to a PC
  - With measurement intervals as short as 0.1 second, you can capture transient phenomena with a fine level of detail
  - You can also reduce the time per measurement for increased throughput in production testing

#### Digital Power Meter

- **Bulletin 7604-32E for details**
- **See 8 pages or Bulletin 7604-32E for details**

### Software

- **WTViewer for the WT210/WT230**
  - Easily Acquire and Manage Power Measurement Data from Your PC
  - Free software
  - Fr ee software
  - Fr ee software
  - Fr ee software

- **Functions and Features of Yokogawa’s WT210, WT230, Accessories, and Related Products is also available at our web site. http://www.yokogawa.com/tm/**
### Basic Characteristics

#### Example of Frequency-power Accuracy Characteristics

![Graph showing frequency-power accuracy characteristics](image)

#### Example of WT210 Current Accuracy

![Graph showing current accuracy characteristics](image)

#### Current Input Surge Withstanding Ability

![Graph showing current surge withstanding ability](image)

#### Example of Influence of Common Mode Voltage

![Graph showing influence of common mode voltage](image)

#### Example of D/A Output Response

![Graph showing D/A output response](image)

#### Comparison with Former Models

<table>
<thead>
<tr>
<th></th>
<th>WT210/WT230</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage input terminal</td>
<td>Binding post</td>
</tr>
<tr>
<td>External input terminal</td>
<td>Plug-in terminal (safety terminal)</td>
</tr>
<tr>
<td>Voltage and current basic accuracy</td>
<td>0.25% of range</td>
</tr>
<tr>
<td>Power basic accuracy</td>
<td>0.3% of full scale (WT210)</td>
</tr>
<tr>
<td>Frequency range</td>
<td>DC, 10 Hz to 20 kHz</td>
</tr>
<tr>
<td>Assured accuracy range</td>
<td>10% to 120% of range rating</td>
</tr>
<tr>
<td>Display updating interval</td>
<td>0.25 second (fixed)</td>
</tr>
<tr>
<td>V, A, W display digits</td>
<td>4 digits (WT130)</td>
</tr>
<tr>
<td>Line filter function</td>
<td>No</td>
</tr>
<tr>
<td>Frequency filter function</td>
<td>Yes (fc = 300 Hz)</td>
</tr>
<tr>
<td>Key lock</td>
<td>No</td>
</tr>
<tr>
<td>Harmonic measurement display updating interval</td>
<td>Approximately 3 seconds</td>
</tr>
<tr>
<td>Remote signals when connected to a computer</td>
<td>Ethernet, USB, RS-232C</td>
</tr>
<tr>
<td>Output data format</td>
<td>ASCII</td>
</tr>
</tbody>
</table>

### Additional Information

- Functions included with the WT200 but not included with the WT130 and included with the WT210/WT230:
  - MAX hold function
  - Moving decimal point display based on integrated power value
  - 10,000-hour maximum integration time
  - Integration of line data omission
  - Average active power display

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**WT230**  
**WT210**
Specifications

The latest product information is available at our web site http://www.yokogawa.com/tm/. Review the specifications to determine which model is right for you.

Input Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input type</td>
<td>Resistance voltage divider</td>
<td>Direct input: 5/10/20/50/100/200 mA (WT210 only)</td>
</tr>
</tbody>
</table>

Rated values (ranges)

<table>
<thead>
<tr>
<th>Voltage type</th>
<th>15/30/60/150/300/600 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floating input</td>
<td>Direct input: 5/10/20/50/100/200 mA (WT210 only)</td>
</tr>
</tbody>
</table>

Measuring instrument loss

<table>
<thead>
<tr>
<th>Input resistance</th>
<th>5/10/20/50/100 mA (WT210 only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>External input (optional): 2.5/5/10 V or 5/10/20 V mV</td>
<td></td>
</tr>
</tbody>
</table>

Maximum instantaneous allowed input

<table>
<thead>
<tr>
<th>(1 cycle, 20 ms duration)</th>
<th>Peak voltage of 2.0 kV or rms value of 2.0 kV (whichever is less)</th>
</tr>
</thead>
<tbody>
<tr>
<td>External input: Peak value of 10 times range or less</td>
<td></td>
</tr>
</tbody>
</table>

Maximum instantaneous allowed input

<table>
<thead>
<tr>
<th>(1 second duration)</th>
<th>Peak voltage of 2.0 kV or rms value of 1.5 kV (whichever is less)</th>
</tr>
</thead>
<tbody>
<tr>
<td>External input: Peak value of 10 times range or less</td>
<td></td>
</tr>
</tbody>
</table>

Maximum continuous allowed input

<table>
<thead>
<tr>
<th>Peak value of 1.5 kV or rms value of 1.0 kV (whichever is less)</th>
</tr>
</thead>
<tbody>
<tr>
<td>External input: Peak value of 5 times range or less</td>
</tr>
</tbody>
</table>

Maximum continuous common-mode voltage

| With 5/20/50 Hz input | 90 Vrms (with input connector protective cover) |

600 Vrms across input terminal and case

| Voltage type | 100 Hz: 50 or 60 Hz is input to the range, any voltage input to both input terminals and the current input terminals are open and external input terminals are shorted |

Input protection

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage range: 15/30/60/150/300/600 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct input: Plug-in terminal (wiring terminal)</td>
<td></td>
</tr>
</tbody>
</table>

A/D converter

| Simultaneous conversion of voltage and current inputs |
| Resolution: 16 bits |

Range switching

| Ranges can be set manually, automatically, or through online controls. |

Range mode switching

| Any of the following, selected manually or through online controls: RMS (true rms value measurement for both voltage and current), V, I, DC, CM, KVA (average-value-rectified rms value for voltage; true rms value measurement for current), DC (simple averages for both voltage and current) |

Measurement input function

| Voltage and current: Add 0.2% of rdg at 45-66 Hz. Add 0.5% of rdg below 45 Hz. |
| Add the accuracy's reading tolerance (three months after calibration) |

Accuracy

<table>
<thead>
<tr>
<th>Active power</th>
</tr>
</thead>
<tbody>
<tr>
<td>±0.006% of rdg</td>
</tr>
</tbody>
</table>

Measurement functions

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Voltage/current</th>
<th>Active power</th>
</tr>
</thead>
</table>

Frequency measurements

| Measurement inputs: V1, V2, V3, A1, A2, or A3 (select one) |
| Measurement system: Reciprocal system |
| Measurement frequency ranges |
| 100 mHz | 25 Hz |
| 250 mHz | 10 Hz |
| 500 mHz | 5 Hz |
| 1 sec: 2.5 Hz |
| 2.5 sec: 1 Hz |
| 5 sec: 0.5 Hz |

Accuracy

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input equal to at least 30% of voltage/current rated range.</td>
<td></td>
</tr>
</tbody>
</table>

Frequency measurement function ON at 200 Hz and below. |
| Frequency filter cutoff frequency: 500 Hz |

Communication functions (Optional for the WT210)

| GP-8 or serial interface (RS-232-C (select one)) |
| GP-8 |

Electrical and mechanical specifications:

| Functional specifications: |
| Baud rates: 1200, 2400, 4800, 9600 bps |

Note: Current direct input and external sensor input cannot be used at the same time. When you operate current input terminals and external input terminals, please be careful. Since these terminals are electrically connected inside the instrument, 1. Connect wires that match the size of the measurement current. 2. Factory setting.
Specifications

Calculations Functions

<table>
<thead>
<tr>
<th>Functions</th>
<th>Single-phase 3-point area</th>
<th>Three-phase 3-voltage 3-current area</th>
<th>Three-phase 2-voltage area</th>
<th>Three-phase 4-voltage area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage [V]</td>
<td>V1 + V2 + V3</td>
<td>V1 + V2 + V3</td>
<td>V2 + V3 + V4</td>
<td>V1 + V2 + V3 + V4</td>
</tr>
<tr>
<td>Current [A]</td>
<td>IA + IB + IC</td>
<td>IA + IB + IC</td>
<td>IA + IB + IC</td>
<td>IA + IB + IC</td>
</tr>
<tr>
<td>Active power [W]</td>
<td>P1 + P2 + P3</td>
<td>P1 + P2 + P3</td>
<td>P1 + P2 + P3</td>
<td>P1 + P2 + P3</td>
</tr>
<tr>
<td>Reactive power [var]</td>
<td>Q1 + Q2 + Q3</td>
<td>Q1 + Q2 + Q3</td>
<td>Q1 + Q2 + Q3</td>
<td>Q1 + Q2 + Q3</td>
</tr>
</tbody>
</table>

Notes:
1. This equipment's reactive power (VAR), active power (P), and phase angle (degree) are calculated from voltage, current, and active power. (Therefore, if the input contains a distorted wave, the values may not match those of other measuring instruments based on different measurement principles.)
2. If either the voltage or current falls to 5% of the range rating or less, then the apparent power (VA), reactive power (var), power factor (PF), and phase angle (degree) are displayed as zero, and errors are displayed for power factor (PF) and phase angle (degree).
3. The sign of the var of each phase may be displayed with + (positive) if the current input leads the voltage input, and with a negative sign if the current input lags the voltage input. Then the value of VAR may be displayed with - (negative).
4. Apparent power (VA) and reactive power (var) cannot be calculated and displayed at the harmonics measurement mode.

Display Functions

<table>
<thead>
<tr>
<th>Display unit</th>
<th>7-segment LED (light-emitting diode)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Display area</th>
<th>Displayed information</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>V, A, W, VA, var (for each element), integration elapsed time</td>
</tr>
<tr>
<td>B</td>
<td>V, A, W, PF, deg (for each element) percentage (content, THD)</td>
</tr>
<tr>
<td>C</td>
<td>V, A, W, VA, Vp, Apk, vAr, (AH) (for each element), MATH</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measurement parameter</th>
<th>Maximum display</th>
<th>Display resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage [V]</td>
<td>999999</td>
<td>±0.001%</td>
</tr>
<tr>
<td>Current [A]</td>
<td>±1.1000</td>
<td>0.01%</td>
</tr>
<tr>
<td>Power [W]</td>
<td>±110.0</td>
<td>0.1%</td>
</tr>
<tr>
<td>VA [VAR]</td>
<td>±9999.9</td>
<td>0.001%</td>
</tr>
<tr>
<td>VA, Hz</td>
<td>±999.999</td>
<td>Input frequency 30,000</td>
</tr>
</tbody>
</table>

Display digits: 4 or 5 digits (selectable by user).

Factory default setting is 5 digits.

Units:
- m, k, M, V, A, W, VA, var, Hz, Hz, deg, %
- Display updating intervals: 0.1/0.25/0.5/1/2/5 seconds
- Response time: Maximum 2 times the display updating interval (time required for display value to enter accuracy range of final value with time filter off, when range rating changes from 0 to 100% and from 100% to 0%)
- Maximum display: ±140% of voltage/current range rating
- Minimum display: About Vrms, A rms, Hz, Hz, 0.5% of range rating.
- Maximum: Less than 0.5% is zero suppression.
- Display scaling function: Effective digits: Selected automatically according to the digits in the voltage and current ranges.
- Setting range: 0.001 to 9999

Averaging function:
- There are two averaging methods (selectable by user):
- Exponential average
- Moving average
- In cases where response can be set and exponential average is used, the attenuation constant can be selected. In cases where a moving average is used, the number of averages N can be selected from 8, 16, 32, and 64.
- Auto-range monitor: An LED turns on when the input value is outside the range set for the auto-range.

Maximum hold function:
- This function can be used to hold V, A, W, VA, var, Vpk, and Apk at maximum values.

Math functions:
- System: When a function key on OSIP LE C is pressed to select the MATH functions, it is possible to perform efficiency (WT230 only) and input crest factor measurement, as well as arithmetical calculations on DISPLAY A and B measurements. In addition, it is possible to display average active power for time-converted integrated power.

Integration functions:
- Display resolution: The minimum display resolution changes together with the integrated value.
- Maximum display: 9999999 (WT230) or 999999 (WT210) MWh/MAh
- Modes: Standard integration mode (timed mode), continuous integration mode (repeat mode), manual integration mode
- Timer: Automatic integration start/stop based on timer setting.
- Count over flow:
- Accuracy: ±(display accuracy ± 0.1% of rdg)
- Remote control: Starling, stopping, and resetting can be controlled through external contact signals. This function is only available when option D/A4 or D/A12 or CMP is installed.

Internal Memory Functions

Measurement data

<table>
<thead>
<tr>
<th>Storied data</th>
<th>Normal measurement</th>
<th>Harmonic measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>WT230 (765043)</td>
<td>Data for 600 samples</td>
<td>Data for 30 samples</td>
</tr>
<tr>
<td>WT230 (765013)</td>
<td>Data for 300 samples</td>
<td>Data for 15 samples</td>
</tr>
</tbody>
</table>

Store interval: Display updating interval and 1 second to 99 seconds, 59 minutes, and 59 seconds
Recall interval: Display updating interval and 1 second to 99 seconds, 59 minutes, and 59 seconds
Panel setting function:
- Four different patterns of panel setting information can be written/read.

Harmonic measurement function (optional)
- System: PLL synchronization
- Measurement frequency range:
  - Fundamental frequency in range of 40-440 Hz
  - Maximum frequency: 99999
- Display digits: 4 or 5 digits (selectable by user)
- Measurement parameters: V, A, W, deg (WT210), V1, V2, V3, A1, A2, A3, W1, W2, deg1, deg2, deg3 (WT230), individual harmonic levels, rms voltage, rms current, active power, fundamental frequency PF, harmonic distortion rate, individual harmonic content
- Measurement element: These parameters can only be measured simultaneously for a single specified input element.
- Sampling speed: Window width, and analysis orders
- The values for these parameters vary according to the input fundamental frequency as shown below:
  - Fundamental frequency: Sampling speed
  - WT230 (765043)
  - WT210 (765013)
- Display interval: 0.25/0.5/1/2.5/5 seconds
  - Updating interval: 0.25/0.5/1/2.5/5 seconds
  - Sliding is slower during online output according to the communication speed and the number of parameters transferred.
- Accuracy:
  - ±0.2% of range to normal measurement accuracy
  - Note: For nth order component input, add (nth order reading) × (1+(n-1)%) to the nth order and nth-m order.

D/A Output (optional)
- Output voltage: ±5 V FS (maximum approximately ±7.5 V for each rated value)
- Number of outputs: 12 parameters with D/A12 option, 4 parameters with D/A4 option
- Output data selection: Can be set separately for each channel.
- Accuracy: ±(equipment accuracy ± 0.2% of FS)
- Window function: Rectangular
- Display updating interval: FFT processed word length: 32 bits
- Frequency range: Rectangular
- D/A converter: 12-bit resolution
- Accuracy:
  - ±0.2% of range to normal measurement accuracy
  - Note: For nth order component input, add (nth order reading) × (1+(n-1)%) to the nth order and nth-m order.

Other parameters:
- For input equal to 140% of rating
  - For input equal to 100% of rating
  - For input exceeding 140% of rating
- For rated input
  - For input exceeding 140% of rating
  - For input exceeding 100% of rating

Exterior View

**External View**

- 73 x 79 mm
- Unit: mm
- WT210

**External Dimensions for WT210**

- Approximately 213 x 88 x 379 mm (WHD) (excluding projections)
- Weight: Approximately 3 kg for WT210, approximately 5 kg for WT230

**Specifications**

- Operating temperature: 5-40˚C, 20-80% RH (no condensation)
- Storage temperature: -25-60˚C (no condensation)
- Maximum operating elevation: 2000 meters
- Insulating voltage: 3700 V for one minute at 50/60 Hz across all of the following areas:
  - Voltage input terminals (ganged) and case
  - Current input terminals (ganged) and case
  - Voltage input terminals (ganged) and current input terminals (ganged)
  - Voltage input terminals (ganged) of each element
  - Current input terminals (ganged) of each element
  - Voltage input terminals (ganged) and power plug
  - Current input terminals (ganged) and power plug
  - Case and power plug

**General Specifications**

- Power supply: Free power supply (100-240 V), 50/60 Hz frequency
- Consumed power: Max 10 VA for WT210, max 15 VA for WT230
- Overvoltage category (Installation category) II
- Pollution degree 2
- Emission Complying standard EN61326 Class A
- EN61000-3-2
- EN61000-3-1
- AS/NZS 2064 Class A
- Safety standard: Complying standard EN61010-1
- Overvoltage category (Installation category) II
- Pollution degree 2
- Emission: Complying standard EN50081-1
- EN50082-1
- EN50088-1
- UL/CSA standard
- BS standard
- VDE standard
- Overvoltage category (Installation category) II
- Pollution degree 2
- Emission: Complying standard EN50081-1
- EN50082-1
- EN50088-1
- UL/CSA standard
- BS standard
- VDE standard

**Wiring Types and Model Numbers**

- Single-phase 2-wire
- Single-phase 3-wire
- Three-phase 2-wires (2 voltages, 2 currents)
- Three-phase 3-wires (3 voltages, 3 currents)
- Three-phase 4-wire

**Model Numbers and Suffix Codes**

<table>
<thead>
<tr>
<th>Model number</th>
<th>Suffix code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>760401</td>
<td>WT210</td>
<td>single-input element model</td>
</tr>
<tr>
<td>760502</td>
<td>WT230</td>
<td>2-input element model</td>
</tr>
<tr>
<td>760503</td>
<td>WT230</td>
<td>3-input element model</td>
</tr>
<tr>
<td>Interface C1</td>
<td>GP-IB communication interface</td>
<td></td>
</tr>
<tr>
<td>Interface C2</td>
<td>Serial (RS-232-C) communication interface</td>
<td></td>
</tr>
<tr>
<td>Power cord G</td>
<td>UL/CSA standard</td>
<td></td>
</tr>
<tr>
<td>Power cord F</td>
<td>VDE standard</td>
<td></td>
</tr>
<tr>
<td>Power cord R</td>
<td>AS standard</td>
<td></td>
</tr>
<tr>
<td>Options E1X</td>
<td>External input 2.5/5/10 V</td>
<td></td>
</tr>
<tr>
<td>Options E2X</td>
<td>External input 50/100/200 mV</td>
<td></td>
</tr>
<tr>
<td>Harmonic measurement function</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DA4</td>
<td>4-channel DA output</td>
<td></td>
</tr>
<tr>
<td>CMP</td>
<td>Comparator and D/A, 4 channels each</td>
<td></td>
</tr>
</tbody>
</table>

**Standard Accessories**

- Power cord, Power fuse, Current input protective cover, Rubber feet for the hind feet, 24-pin connector (provided only on options/DA4, /DA12, and /CMP)
- User’s manual

**Wiring**

- Single-phase 2-wire:
- Single-phase 3-wire:
- Three-phase 2-wires (2 voltages, 2 currents):
- Three-phase 3-wires (3 voltages, 3 currents):
- Three-phase 4-wire:

**Model Numbers**

- WT210 single-input element model
- WT230 2-input element model
- WT230 3-input element model

**Accessories sold separately**

- 551797: 1.5 mm hex wrench
- 559844: External sensor cable
Related Products

**759917**
**Measurement leads**
Two leads in a set. Use 758922 or 758929. Total length: 75 cm. Rating: 1000 V, 22 A.

**758922**
**Small alligator adapters**
For connection to measurement leads (759917). Rating: 300 V.

**758929**
**Large alligator adapters**
For connection to measurement leads (759917). Rating: 1000 V.

**758923**
**Safety terminal adapter set**
Spring-rod type. Two adapters in a set.

**758931**
**Safety terminal adapter set**
Screw-fastened adapters. Two adapters in a set. 1.5 mm Allen wrench included for tightening.

**B9284LK**
**External sensor cable**
For the internal input of the WT210 and WT230. Length: 50 cm.

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**960 01 Clamp on Probe**
For current measurements with wires connected.

**751552 Clamp on Probe**
For high-current measurements up to 1000 Arms.

**751574 Current Transducer**
Wide dynamic range: 0-600 A (DC)/600 A peak (AC).
Wide measurement frequency range: DC and up to 100 kHz (-3 dB).
High-precision fundamental accuracy: ±(0.05% of reading + 40 µA).
15 V DC power supply, connector, and load resistor required.

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**366921 Conversion adapter**

**758924 Conversion adapter**

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**758917 Measurement leads**

**758921 Fork Terminal Adapter**

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**366921**
**Conversion adapter**

**758924**
**Conversion adapter**

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**Free Application Software**
**WTViewer for the WT210 and WT230**
Easily Acquire and Manage Power Measurement Data form Your PC

**DAQLOGGER & GateWT**
GateWT is a software package that can collect data measured by digital power meter WT series including WT210 and WT230 through a GP-IB or serial (RS-232) Communication interface. See Bulletin 7515-52E for details.

**LabVIEW* Driver Software (Free)**
Download this software program from our web site.

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**CAUTION**
Read the user’s manual carefully for correct and safe use of the instrument.

Yokogawa’s products are developed and produced in facilities that have received ISO14001 approval.

**Free Application Software**
**WTViewer for the WT210 and WT230**

Visit our web site to register your product and download this software program.

http://www.yokogawa.com/tm/WT210/

See our web site or the software catalog (Bulletin 7604-32E) for detailed specifications.

Information on the features and functions of Yokogawa’s WT series & PZ, accessories, and related products is also available at our homepage. http://www.yokogawa.com/tm/

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