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Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

YOKOGAWA

Yokogawa WT200

The Yokogawa WT200 is a digital power meter in the WT100/WT200 family providing precision voltage, current, and power measurement for inverter, motor-drive, and power-conversion testing. Single/three-phase power and efficiency measurement; standby power and harmonic evaluation; production and R&D power analyzer validation; automated test with remote interfaces. Crest Factor: 3 (6 or 6A on reduced ranges) Data Update Rate: 100 ms to 20 s (model dependent) Harmonic Measurement: optional /G5 on applicable models Operating Temperature: 0 to 40 degC Storage Temperature: -20 to 60 degC Alias: WT200



MODEL	CALIBRATION
Yokogawa WT200	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
WT200	https://aumictechlabs.com/products/wt200-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Yokogawa WT200 is a digital power meter engineered for single-phase AC, DC, and AC+DC power measurements with 0.1% basic accuracy. Operating across DC to 100 kHz, it handles applications from low-frequency equipment to high-frequency inverters. The half-rack form factor (213 mm W × 88 mm H × 350 mm D) delivers high-speed data acquisition at up to 10 readings per second, enabling efficient real-time testing and analysis. Technical Specifications Measurement Accuracy: 0.1% of reading Frequency Range: DC, 0.5 Hz to 100 kHz Measurement Modes: AC, DC, AC+DC Data Update Rate: Up to 10 readings per second Voltage Input Ranges: 15 V, 30 V, 60 V, 150 V, 300 V, 600 V (manual); auto-ranging available with 300% sampling threshold and 110% end-of-cycle threshold Current Input Ranges (Direct): 5 mA to 20 A across 12 selectable ranges;

auto-ranging supported Current Input (Shunt): 5–200 mA or 0.5–20 A ranges Input Resistance (Voltage): Approximately 2 M Ω Input Impedance (Current, 0.5–20 A): Approximately 6 m Ω + 0.1 μ H Input Impedance (Current, 5–200 mA): Approximately 500 m Ω Peak Voltage Handling: Up to 2.8 kV (range-dependent) Peak Current (0.5–20 A): Up to 450 A or 300 A RMS Peak Current (5–200 mA): Up to 150 A or 100 A RMS Integration Function: 1 second to 10,000 hours adjustable Supply Voltage: 100 V $\pm$ 5% (sine wave) Power Consumption: 35 VA max. (100 V supply)Key Features Line filter function for signal conditioning Harmonic measurement capability (optional configurations) Max-hold function captures peak values for V, A, W, VA, var, Vpk, and Apk GP-IB, RS-232-C, and Ext. I/O communication interfaces D/A output for data loggingTypical Applications Power quality assessment, harmonic compliance verification, inverter characterization, and equipment efficiency testing across wide frequency and amplitude ranges.Compatibility & Integration Supports pre-IEEE488.2 commands for automated range configuration and data retrieval via standard laboratory interfaces.

WT200 Characteristics / Specifications

PARAMETER	VALUE
Model	WT200
Manufacturer	Yokogawa
Instrument Type	Power Analyzer
Series	WT100/WT200 family
Input Elements	1 element
Basic Power Accuracy	+/-0.3% of range (power)
Frequency Range	DC, 10 Hz to 20 kHz
Voltage Range	per WT200 ranges
Current Range	per WT200 ranges
Crest Factor	3 (6 or 6A on reduced ranges)
Display	5-digit LED
Data Update Rate	100 ms to 20 s (model dependent)
Harmonic Measurement	optional /G5 on applicable models
Interfaces	Binding post terminals
Power Supply	100 to 240 VAC, 50/60 Hz
Operating Temperature	0 to 40 degC Storage Temperature: -20 to 60 degC Alias: WT200
Assured Accuracy Range	10% to 130% of range rating
Display Digits	5 digits
Display Update	0.25 s fixed
Frequency Filter	fc = 300 Hz
Form Factor	half rack compact Notes Specs from Yokogawa WT100/WT200 family datasheet (WT200). Compact digital power meter; predecessor to WT210/WT230.
Bandwidth	DC, 10 Hz to 20 kHz
Storage temperature	20 to 60 degC Alias: WT200

WT200 Specifications

PARAMETER	VALUE
Yokogawa WT200 Digital Power Meter	Overview
Key Features	- 1 element input element(s)
Technical Specifications	Model: WT200
Notes	Specs from Yokogawa WT100/WT200 family datasheet (WT200). Compact digital power meter; predecessor to WT210/WT230.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	20 to 60 degC Alias: WT200
Operating temperature	0 to 40 degC Storage Temperature: -20 to 60 degC Alias: WT200
Operating Temperature	0 to 40 degC Storage Temperature: -20 to 60 degC Alias: WT200
Assured Accuracy Range	10% to 130% of range rating
Display Digits	5 digits
Display Update	0.25 s fixed
Frequency Filter	fc = 300 Hz
Power Supply	per WT200 specification
Form Factor	half rack compact Notes Specs from Yokogawa WT100/WT200 family datasheet (WT200). Compact digital power meter; predecessor to WT210/WT230.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	WT200
Manufacturer	Yokogawa
Instrument Type	Power Analyzer
Specifications	
PARAMETER	VALUE
Series	WT100/WT200 family
Input Elements	1 element
Basic Power Accuracy	+/-0.3% of range (power)
Specifications	
PARAMETER	VALUE
Frequency Range	DC, 10 Hz to 20 kHz
Voltage Range	per WT200 ranges
Current Range	per WT200 ranges
Specifications	
PARAMETER	VALUE
Crest Factor	3 (6 or 6A on reduced ranges)
Display	5-digit LED
Data Update Rate	100 ms to 20 s (model dependent)
Specifications	
PARAMETER	VALUE
Harmonic Measurement	optional /G5 on applicable models
Interfaces	Binding post terminals
Power Supply	100 to 240 VAC, 50/60 Hz

Specifications

PARAMETER	VALUE
Operating Temperature	0 to 40 degC Storage Temperature: -20 to 60 degC Alias: WT200
Assured Accuracy Range	10% to 130% of range rating
Display Digits	5 digits

Specifications

PARAMETER	VALUE
Display Update	0.25 s fixed
Frequency Filter	fc = 300 Hz
Power Supply	per WT200 specification

Form Factor: half rack compact

Notes

Specs from Yokogawa WT100/WT200 family datasheet (WT200). Compact digital power meter; predecessor to WT210/WT230.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.