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Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

YOKOGAWA

Yokogawa WT130 Digital Power Meter

The Yokogawa WT130 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: WT130



MODEL

Yokogawa WT130

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

WT130

LISTING

<https://aumictechlabs.com/products/wt130-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Yokogawa WT130 is a compact, half-rack digital power meter engineered for precise AC and DC power measurements across industrial applications. It delivers 0.25% fundamental accuracy and operates from DC through 50 kHz, making it suitable for characterizing electrical appliances, power supplies, and lighting equipment. The instrument measures voltage, current, active power, apparent power, reactive power, power factor, and energy consumption. Its large LED display, lightweight design (3 kg), and half-rack footprint enable flexible benchtop or rack-mounted deployment in field environments. Technical Specifications Fundamental Accuracy: 0.25% Frequency Response: DC, 10 Hz to 50 kHz Measurement Parameters: DC voltage, AC voltage, AC current, active power (W), apparent power (VA), reactive power (var), power factor, voltage

frequency, current frequency, total watt-hour (Wh) Large LED display for readability Weight: Approximately 3 kg

Key Features Single-phase and three-phase measurement configurations: 1 Φ 2W, 1 Φ 3W, 3 Φ 3W, 3 Φ 4W, 3V3A Voltage Range: 0.500 to 600 V across all configurations Current Range: 0.500 to 150 A (1 Φ 3W, 3 Φ 3W) or 0.500 to 600 A (1 Φ 2W, 3 Φ 4W, 3V3A) Automatic power unit scaling to kW/kVA/kvar when result exceeds 1000 W DC measurement capability eliminates special handling for half-wave rectified or intermittent signals Optional harmonic analysis and GO/NO-GO comparator functions External current clamp and shunt sensor input available

Typical Applications Electrical appliance characterization, power supply testing, lighting equipment efficiency analysis, and field power quality assessment.

Compatibility & Integration GP-IB interface supporting IEEE 488.2-1987 standard GP-IB window software control EMC Compliance: EN61326 Class A, EN55011 Group 1, Class A (industrial environments; may cause radio interference in residential settings) Recommended wire bundling: phases and neutral separation < 50 mm

WT130 Characteristics / Specifications

PARAMETER	VALUE
Model	WT130
Manufacturer	Yokogawa
Instrument Type	Power Analyzer
Series	WT100/WT200 family
Input Elements	1 element
Basic Power Accuracy	+/-0.35% of range (power)
Frequency Range	DC, 10 Hz to 20 kHz
Voltage Range	per WT130 ranges
Current Range	per WT130 ranges
Crest Factor	3 (6 or 6A on reduced ranges)
Display	4-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: WT130
Assured Accuracy Range	10% to 130% of range rating
Display Digits	4 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 (WT130). Predecessor to WT210/WT230; half-rack compact design.
Bandwidth	DC, 10 Hz to 20 kHz
Storage temperature	20 to 60 degC Alias: WT130

WT130 Specifications

PARAMETER	VALUE
Yokogawa WT130 Digital Power Meter	Overview
Key Features	- 1 element input element(s)
Technical Specifications	Model: WT130
Notes	Specs from Yokogawa WT100/WT200 family datasheet (WT130). Predecessor to WT210/WT230; half-rack compact design.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	20 to 60 degC Alias: WT130
Operating temperature	0 to 40 degC Storage Temperature: -20 to 60 degC Alias: WT130
Operating Temperature	0 to 40 degC Storage Temperature: -20 to 60 degC Alias: WT130
Assured Accuracy Range	10% to 130% of range rating
Display Digits	4 digits
Display Update	0.25 s fixed
Frequency Filter	fc = 300 Hz
Power Supply	per WT130 specification
Form Factor	half rack compact Notes Specs from Yokogawa WT100/WT200 family datasheet (WT130). Predecessor to WT210/WT230; half-rack compact design.

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	WT130
Manufacturer	Yokogawa
Instrument Type	Power Analyzer
Specifications	
PARAMETER	VALUE
Series	WT100/WT200 family
Input Elements	1 element
Basic Power Accuracy	+/-0.35% of range (power)
Specifications	
PARAMETER	VALUE
Frequency Range	DC, 10 Hz to 20 kHz
Voltage Range	per WT130 ranges
Current Range	per WT130 ranges
Specifications	
PARAMETER	VALUE
Crest Factor	3 (6 or 6A on reduced ranges)
Display	4-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: WT130
Assured Accuracy Range	10% to 130% of range rating
Display Digits	4 digits

Specifications

PARAMETER	VALUE
Display Update	0.25 s fixed
Frequency Filter	fc = 300 Hz
Power Supply	per WT130 specification

Form Factor: half rack compact

Notes

Specs from Yokogawa WT100/WT200 family datasheet (WT130). Predecessor to WT210/WT230; half-rack compact design.

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

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NIST-traceable calibration · SAM registered ·
30-day returns
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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.