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Data Sheet

August 3, 2026

YOKOGAWA

Yokogawa WT1800 High Performance Power Analyzer

Yokogawa WT1800 High Performance Power Analyzer The WT1800 provides a high-performance precision power analyzer with up to six input elements, approximately 0.15% basic accuracy, and voltage/current bandwidth from 0.1 Hz to 5 MHz (–3 dB typical) including DC, for inverter, motor-drive, and power-conversion efficiency testing. Succeeded in Yokogawa's lineup by the WT1800E. Three-phase inverter efficiency measurement in a single unit (up to six inputs); motor-drive, UPS, lighting, aircraft, and transformer power analysis; transient power capture with high-speed data mode; harmonic and multi-view power evaluation in R&D and production. The WT1800 provides a high-performance precision power analyzer with up to six input elements, approximately 0.15% basic accuracy, and voltage/current bandwidth from 0.1 Hz to 5 MHz (–3 dB typical) including DC, for inverter, motor-drive, and power-conversion efficiency testing. Succeeded in Yokogawa's lineup by the WT1800E. Three-phase inverter efficiency measurement in a single unit (up to six inputs); motor-drive, UPS, lighting, aircraft, and transformer power analysis; transient power capture with high-speed data mode; harmonic and multi-view power evaluation in R&D and production.

No photo

MODEL Yokogawa WT1800	CALIBRATION N/A — off-catalog OEM datasheet
CONDITION See OEM documentation	STATUS Not listed on Aumictech inventory
RFQ / SKU WT1800	LISTING Off-catalog — OEM dat asheet only

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

Features & description

From manufacturer datasheet

Features

- Up to six power input elements
- Basic accuracy approximately 0.15%
- Frequency bandwidth 0.1 Hz to 5 MHz (−3 dB typical) including DC
- Faster sampling and wider bandwidth than prior WT models (approximately 10× sample / 5× bandwidth class vs predecessors)
- High-speed data capturing mode for transient power
- Numerical, waveform, and trend display capabilities
- USB, GPIB, and Ethernet connectivity class
- Predecessor to WT1800E (higher-accuracy successor)

WT1800 Characteristics / Specifications

PARAMETER	VALUE
Model	WT1800
Manufacturer	Yokogawa
Instrument Type	High Performance Power Analyzer
Series	WT1800
Input Elements	up to 6 (WT1801–WT1806 configurations)
Basic Accuracy	approximately 0.15%
Frequency Bandwidth	0.1 Hz to 5 MHz (–3 dB typical), including DC
Related Successor	WT1800E
Alias	WT1800 Standard Operating Conditions Configure element count and wiring before energized measurements. Select ranges for crest factor and switching edges within the 5 MHz bandwidth. Allow warm-up per Yokogawa WT1800 guidance.
This listing is WT1800 (original)	not WT1800E unless the faceplate shows E. Confirm element count (WT1801–WT1806). Alias WT1800.
Bandwidth	from 0.1 Hz to 5 MHz (–3 dB typical) including DC, for inverter, motor-drive, and power-conversion efficiency testing. Succeeded in Yokogawa’s lineup by the WT1800E.

WT1800 Specifications

PARAMETER	VALUE
Yokogawa WT1800 High Performance Power Analyzer	Overview
Technical Specifications	Model: WT1800
Operational Notes	This listing is WT1800 (original)—not WT1800E unless the faceplate shows E. Confirm element count (WT1801–WT1806). Alias WT1800.

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.

Performance Power Analyzer

Overview

The WT1800 providesahigh-performance precision power analyzer with up to six input elements, approximately 0.15% basic accuracy, and voltage/current bandwidth from 0.1 Hz to 5 MHz (−3 dB typical) including DC, for inverter, motor-drive, and power-conversion efficiency testing. Succeeded in Yokogawa’s lineup by the WT1800E.

Applications

Three-phase inverter efficiency measurement inasingle unit (up to six inputs); motor-drive, UPS, lighting, aircraft, and transformer power analysis; transient power capture with high-speed data mode; harmonic and multi-view power evaluation in R&D and production.

Key Features

- Up to six power input elements
- Basic accuracy approximately 0.15%
- Frequency bandwidth 0.1 Hz to 5 MHz (−3 dB typical) including DC
- Faster sampling and wider bandwidth than prior WT models (approximately 10× sample / 5× bandwidth class vs predecessors)
- High-speed data capturing mode for transient power
- Numerical, waveform, and trend display capabilities
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Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	WT1800
Manufacturer	Yokogawa
Instrument Type	High Performance Power Analyzer
Series	WT1800
Input Elements	up to 6 (WT1801–WT1806 configurations)
Basic Accuracy	approximately 0.15%
Frequency Bandwidth	0.1 Hz to 5 MHz (−3 dB typical), including DC
Related Successor	WT1800E
Alias	WT1800

Standard Operating Conditions

Configure element count and wiring before energized measurements. Select ranges for crest factor and switching edges within the 5 MHz bandwidth. Allow warm-up per Yokogawa WT1800 guidance.

Operational Notes

This listing is WT1800 (original)–not WT1800E unless the faceplate shows E. Confirm element count (WT1801–WT1806). Alias WT1800.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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

Aumictech

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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.