

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

YOKOGAWA

Yokogawa WT3002E Precision Power Analyzer

Yokogawa WT3002E Precision Power Analyzer The WT3002E provides a two-element precision power analyzer in the WT3000E family with $\pm 0.04\%$ basic power accuracy, DC and 0.1 Hz–1 MHz bandwidth, and optional IEC harmonic/flicker measurement for efficiency and compliance testing of power-conversion equipment. Two-element (e.g., single-phase or dual-channel) efficiency and power analysis; inverter, motor-drive, UPS, and lighting power evaluation; IEC 61000-3-2/-3-12 harmonic and IEC 61000-3-3/-3-11 flicker testing with options; R&D and production power conversion validation. The WT3002E provides a two-element precision power analyzer in the WT3000E family with $\pm 0.04\%$ basic power accuracy, DC and 0.1 Hz–1 MHz bandwidth, and optional IEC harmonic/flicker measurement for efficiency and compliance testing of power-conversion equipment. Two-element (e.g., single-phase or dual-channel) efficiency and power analysis; inverter, motor-drive, UPS, and lighting power evaluation; IEC 61000-3-2/-3-12 harmonic and IEC 61000-3-3/-3-11 flicker testing with options; R&D and production power conversion validation.

No photo

MODEL

**Yokogawa
WT3002E**

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

WT3002E

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

- WT3000E family, two input elements (WT3002E)
- Basic power accuracy $\pm 0.04\%$ (total)
- Frequency range DC, 0.1 Hz to 1 MHz
- Mixable 2 A and 30 A input elements in one unit
- Data update 50 ms to 20 s; store interval from 50 ms
- Optional /G6 advanced computation (harmonics, FFT, waveform compute)
- Optional IEC harmonic and voltage fluctuation/flicker measurement
- Interfaces: GP-IB, Ethernet, RS-232, USB (option-dependent)

WT3002E Characteristics / Specifications

PARAMETER	VALUE
Model	WT3002E
Manufacturer	Yokogawa
Instrument Type	Precision Power Analyzer
Series	WT3000E
Input Elements	2
Basic Power Accuracy	±0.04% (total)
Frequency Range	DC, 0.1 Hz to 1 MHz
Current Elements	2 A and/or 30 A types (configurable)
Voltage	up to 1000 Vrms continuous common-mode class (50/60 Hz)
Data Update Rate	50 ms to 20 s
Related Models	WT3001E (1 elem); WT3003E (3); WT3004E (4)
Alias	WT3002E Standard Operating Conditions Install correct 2 A / 30 A element mix and wiring before energized measurements. Select ranges for crest factor and inrush. Allow warm-up per Yokogawa WT3000E guidance before accuracy-critical tests.
Interfaces	GP-IB, Ethernet, RS-232, USB (option-dependent)

WT3002E Specifications

PARAMETER	VALUE
Yokogawa WT3002E Precision Power Analyzer	Overview
Key Features	- WT3000E family, two input elements (WT3002E)
Technical Specifications	Model: WT3002E
Operational Notes	WT3002E denotes two-element WT3000E—confirm element count and options (/G6, /FL, /C7, etc.) on the configuration label. Alias WT3002E.

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	
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Model	WT3002E
Manufacturer	Yokogawa
Instrument Type	Precision Power Analyzer
Series	WT3000E
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Standard Operating Conditions	
Install correct 2 A / 30 A element mix and wiring before energized measurements. Select ranges for crest factor and inrush. Allow warm-up per Yokogawa WT3000E guidance before accuracy-critical tests.	
Operational Notes	
WT3002E denotes two-element WT3000E-confirm element count and options (/G6, /FL, /C7, etc.) on the configuration label. Alias WT3002E.	

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.