

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

YOKOGAWA

Yokogawa WT3001E Precision Power Analyzer

Yokogawa WT3001E Precision Power Analyzer The WT3001E provides a one-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 single-channel power conversion efficiency and compliance testing. Single-element (single-phase) efficiency and power analysis; inverter, motor-drive, UPS, lighting, and transformer testing; IEC harmonic and flicker compliance with options; R&D and production power measurement requiring WT3000E-class accuracy on one input element. The WT3001E provides a one-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 single-channel power conversion efficiency and compliance testing. Single-element (single-phase) efficiency and power analysis; inverter, motor-drive, UPS, lighting, and transformer testing; IEC harmonic and flicker compliance with options; R&D and production power measurement requiring WT3000E-class accuracy on one input element.

No photo

MODEL

**Yokogawa
WT3001E**

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

WT3001E

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, one input element (WT3001E)
- Basic power accuracy $\pm 0.04\%$ (total)
- Frequency range DC, 0.1 Hz to 1 MHz
- Configurable 2 A or 30 A input element
- Data update 50 ms to 20 s
- Optional /G6 advanced computation; IEC harmonic and flicker options
- Interfaces: GP-IB, Ethernet, RS-232, USB (option-dependent)

WT3001E Characteristics / Specifications

PARAMETER	VALUE
Model	WT3001E
Manufacturer	Yokogawa
Instrument Type	Precision Power Analyzer
Series	WT3000E
Input Elements	1
Basic Power Accuracy	±0.04% (total)
Frequency Range	DC, 0.1 Hz to 1 MHz
Current Elements	2 A or 30 A type
Related Models	WT3002E (2); WT3003E (3); WT3004E (4)
Alias	WT3001E Standard Operating Conditions Install the correct current-element type and wiring before energized measurements. Select voltage/current ranges for expected crest factor. Allow warm-up per WT3000E guidance. Operational Notes
Interfaces	GP-IB, Ethernet, RS-232, USB (option-dependent)

WT3001E Specifications

PARAMETER	VALUE
Yokogawa WT3001E Precision Power Analyzer	Overview
Key Features	- WT3000E family, one input element (WT3001E)
Technical Specifications	Model: WT3001E
Operational Notes	WT3001E is the single-element WT3000E—distinct from WT3002E/WT3003E multi-element models. Alias WT3001E.

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	WT3001E
Manufacturer	Yokogawa
Instrument Type	Precision Power Analyzer
Series	WT3000E
Input Elements	1
Basic Power Accuracy	±0.04% (total)
Frequency Range	DC, 0.1 Hz to 1 MHz
Current Elements	2 A or 30 A type
Related Models	WT3002E (2); WT3003E (3); WT3004E (4)
Alias	WT3001E

Standard Operating Conditions

Install the correct current-element type and wiring before energized measurements. Select voltage/current ranges for expected crest factor. Allow warm-up per WT3000E guidance.

Operational Notes

WT3001E is the single-element WT3000E-distinct from WT3002E/WT3003E multi-element models. Alias WT3001E.

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

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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.