

**Aumictech**

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Data Sheet

August 3, 2026

YOKOGAWA

Yokogawa WT3003E Precision Power Analyzer

Yokogawa WT3003E Precision Power Analyzer The WT3003E providesathree-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 three-phase power conversion efficiency and compliance testing. Three-phase inverter, motor-drive, UPS, and transformer efficiency analysis; IEC 61000-3-2/-3-12 harmonic and IEC 61000-3-3/-3-11 flicker testing with options; aircraft and industrial power-conversion validation; R&D and production three-element power measurement. The WT3003E providesathree-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 three-phase power conversion efficiency and compliance testing. Three-phase inverter, motor-drive, UPS, and transformer efficiency analysis; IEC 61000-3-2/-3-12 harmonic and IEC 61000-3-3/-3-11 flicker testing with options; aircraft and industrial power-conversion validation; R&D and production three-element power measurement.

No photo

MODEL

**Yokogawa
WT3003E**

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

WT3003E

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, three input elements (WT3003E)
- 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 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)

WT3003E Characteristics / Specifications

PARAMETER	VALUE
Model	WT3003E
Manufacturer	Yokogawa
Instrument Type	Precision Power Analyzer
Series	WT3000E
Input Elements	3
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)
Related Models	WT3001E (1); WT3002E (2); WT3004E (4)
Alias	WT3003E Standard Operating Conditions Configure three-element wiring (e.g., 3P3W/3P4W) and element mix before energized measurements. Select ranges for crest factor and inrush. Allow warm-up per WT3000E guidance. Operational Notes
Interfaces	GP-IB, Ethernet, RS-232, USB (option-dependent)

WT3003E Specifications

PARAMETER	VALUE
Yokogawa WT3003E Precision Power Analyzer	Overview
Key Features	- WT3000E family, three input elements (WT3003E)
Technical Specifications	Model: WT3003E
Operational Notes	WT3003E denotes three-element WT3000E—confirm element count and options on the configuration label. Alias WT3003E.

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	WT3003E
Manufacturer	Yokogawa
Instrument Type	Precision Power Analyzer
Series	WT3000E
Input Elements	3
Basic Power Accuracy	±0.04% (total)
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Alias	WT3003E

Standard Operating Conditions

Configure three-element wiring (e.g., 3P3W/3P4W) and element mix before energized measurements. Select ranges for crest factor and inrush. Allow warm-up per WT3000E guidance.

Operational Notes

WT3003E denotes three-element WT3000E-confirm element count and options on the configuration label. Alias WT3003E.

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.