

**Aumictech**

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Data Sheet

July 30, 2026

YOKOGAWA

Yokogawa PX8000 Precision Power Scope, 100 MS/s, 20 Hz to 6.4 kHz

Yokogawa PX8000 Precision Power Scope, 100 MS/s, 20 Hz to 6.4 kHz The Yokogawa PX8000 is a precision power scope, also described by Yokogawa as a transient power analyzer, combining traceable power measurement capability with oscilloscope-style waveform visibility and analysis. Public Yokogawa references describe it as a platform for precise voltage, current, and power measurement in dynamic and transient conditions, with modular channel expansion and waveform capture capabilities. The PX8000 is intended for transient power analysis, inverter and motor drive evaluation, multi-phase power measurements, efficiency analysis, power waveform capture, and research or development work where time-correlated voltage, current, and power measurements are needed with oscilloscope-like observation tools. The Yokogawa PX8000 is a precision power scope, also described by Yokogawa as a transient power analyzer, combining traceable power measurement capability with oscilloscope-style waveform visibility and analysis. Public Yokogawa references describe it as a platform for precise voltage, current, and power measurement in dynamic and transient conditions, with modular channel expansion and waveform capture capabilities. The PX8000 is intended for transient power analysis, inverter and motor drive evaluation, multi-phase power measurements, efficiency analysis, power waveform capture, and research or deve

No photo

MODEL

Yokogawa PX8000

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

PX8000

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

- Precision power scope / transient power analyzer architecture
- Up to four wattmeters
- Oscilloscope-style waveform display, cursors, and triggers
- Modular input architecture
- Voltage, current, and power analysis in a single instrument
- Support for transient and multi-phase power measurements
- Compatible software, communication, and sample-program ecosystem

PX8000 Characteristics / Specifications

PARAMETER	VALUE
AUX Frequency Characteristics	DC to 20 MHz (-3 dB point when sine wave of amplitude +/-3 div is applied)
AUX Voltage Sensitivity Setting	50 mV to 100 V
AUX Input Impedance	1 MOhm +/-1%, approximately 35 pF
Core Measurement Capability	Voltage, current, and power
Power Measurement Style	Standard multi-phase power measurements and transient power measurements Functional Highlights The PX8000 combines power analyzer precision with an oscilloscope form factor and user experience. Public Yokogawa references emphasize transient measurement capability, multi-phase support, and detailed waveform-based analysis for modern power electronics development.

Specifications

PARAMETER	VALUE
Model	PX8000
Instrument Type	Precision Power Scope / Transient Power Analyzer
Maximum Module Count	8 modules combined
Voltage Measurement Range	1.5 V to 1000 Vrms depending on selected range
Current Direct Input Range	10 mA to 5 Arms depending on selected range
External Current Sensor Input Range	50 mV to 10 Vrms depending on selected range
Voltage Input Format	Floating input, resistive voltage divider
Current Input Format	Floating input through shunt
Voltage Input Resistance	Approximately 2 MOhm
Voltage Input Capacitance	Approximately 10 pF
Current Direct Input Element	Approximately 100 mOhm + approximately 0.19 uH
External Current Sensor Input Impedance	Approximately 1 MOhm + approximately 17 pF
AUX Module Input Channels	2
AUX Input Type	Switchable analog or pulse input
AUX Input Coupling	AC, DC, or GND
AUX Frequency Characteristics	DC to 20 MHz (-3 dB point when sine wave of amplitude +/-3 div is applied)
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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.

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Functional Highlights

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Notes

This manual OEM source was compiled from official Yokogawa PX8000 product, brochure, and features-guide references that publicly describe the instrument family and input module capabilities.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.