Aumictech
Test & measurement · bought, sold, repaired, calibrated

Data Sheet
August 12, 2026

YOKOGAWA

Yokogawa 700986 Logic Probe

The Yokogawa 700986 is a logic probe designed for digital circuit analysis and troubleshooting. It detects logic states (high, low, or pulse) in digital circuits, providing a quick and easy way to verify signal integrity and identify potential issues. Its compact design and simple interface make it a valuable tool for electronics technicians and engineers.

MODEL **Yokogawa 700986**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **700986**	LISTING **https://aumictechlabs.com/products/700986-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Yokogawa 700986 Logic Probe is an 8-channel, non-isolated digital analysis instrument designed for logic state detection and signal integrity verification in digital circuit troubleshooting. This probe delivers real-time measurement capability with 1 µs or less response time, enabling rapid diagnosis of digital faults and signal anomalies across multiple channels simultaneously.Technical Specifications Channels: 8 independent inputs Input Configuration: Non-isolated (common ground for all bits and main unit) Maximum Input Voltage: 42 V (DC+ACpeak) for CAT I and CAT II applications (30 Vrms) Response Time: 1 µs or less Input Impedance: Approximately 100 kΩ Logic Threshold Level: Approximately 1.4 VKey Features Eight simultaneous measurement channels for parallel digital signal capture Fast 1 µs response time minimizes measurement latency in time-critical diagnostics High input impedance (≈100 kΩ) reduces circuit loading effects Overvoltage protection rated to 42 V maximum Includes two measurement leads

(B9879PX and B9879KX) for direct probe connectionTypical Applications Digital logic state verification during circuit design and validation Multi-channel signal integrity assessment in embedded systems Fault isolation in microprocessor-based and digital control circuits Real-time logic level monitoring during system commissioning and troubleshootingCompatibility & Integration The 700986 integrates directly with Yokogawa DLM oscilloscopes and ScopeCorder models, enabling synchronized multi-domain analysis where logic measurements can be correlated with analog signal observations. This integration streamlines debugging workflows by centralizing digital and analog data capture within a single measurement platform.

Features & description

From manufacturer datasheet

Technical Specifications

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Yokogawa 700986 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Yokogawa 700986. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Request Calibration → Request Repair Quote →

Yokogawa 700986 price

This Yokogawa 700986 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Yokogawa 700986 calibration cost

NIST-traceable calibration for the Yokogawa 700986 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

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Unit notes

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700986 Specifications

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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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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

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

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788 S 500 E, Pleasant Grove, UT 84062
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