

**Aumictech**

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Data Sheet

August 12, 2026

YOKOGAWA

Yokogawa 700987 Logic Probe – Isolated Inputs

Yokogawa Logic Analyzers. Voltage: induced damage. The probe detects logic states - h,
Channels: 8 bits, Voltage: Model 366961 for ≤ 42 V.



MODEL

Yokogawa 700987

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

700987

LISTING

<https://aumictechlabs.com/products/700987-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Yokogawa 700987 Logic Probe – Isolated Inputs is a specialized accessory for digital circuit analysis and troubleshooting with Yokogawa ScopeCorder series instruments. Each of its 8 input channels features complete electrical isolation, preventing ground loops and protecting both the probe and connected equipment from voltage-induced damage. The probe detects logic states - high, low, and pulse conditions - across a wide voltage range, with independently isolated inputs and a 2000 VAC withstand rating per terminal. Technical Specifications Input Channels: 8 bits, fully isolated from each other and the host instrument Response Speed: DC ≤ 1 ms; AC ≤ 20 ms Threshold Levels: 6 VDC $\pm 50\%$ or 50 VAC $\pm 50\%$ DC mode: High 10–250 VDC, Low 0–30 VDC AC mode: High 80–250 VAC, Low 0–20 VAC Maximum Input Voltage (≤ 1 kHz): 250 Vrms, AC peak ≤ 350 V, DC ≤ 250 V Input Fuses: 250 V rated, 50 mA maximum, time-lag type (internal, non-user-replaceable) Isolation Withstand: 2000 VAC for 1 minute (input to earth) Insulation Resistance: ≥ 10 M Ω at 500 VDC (input to earth) Mode Selection: AC/DC switchable per input Key Features Complete galvanic isolation on all 8 inputs eliminates cross-channel interference and earth-loop

contamination Wide voltage acceptance accommodates both low-level TTL/CMOS logic and industrial control circuits up to 250 V Input-terminal fusing protects against transient overvoltage conditions Fast response time enables reliable pulse and edge detection in real-time digital troubleshootingTypical Applications Multipoint digital circuit verification in isolated or high-voltage environments Ground-loop-free acquisition of logic signals across multiple circuit nodes Safety-critical circuit validation where isolation integrity is mandatoryCompatibility & Integration Connects to ScopeCorder instruments via 26-pin connector with clamp filter (A1190MN). Measurement leads vary by voltage: Model 366961 for ≤ 42 V, Model 758917 for ≥ 42 V. Adapter leads 758922, 758929, or 701954 also supported. Do not stack probes during operation; maintain adequate spacing to prevent thermal rise.

Features & description

From manufacturer datasheet

Technical Specifications

Input Channels: 8 bits, fully isolated from each other and the host instrument Response Speed: DC ≤ 1 ms; AC ≤ 20 ms Threshold Levels: 6 VDC $\pm 50\%$ or 50 VAC $\pm 50\%$

AC mode: High 80–250 VAC, Low 0–20 VAC

Maximum Input Voltage (≤ 1 kHz): 250 Vrms, AC peak ≤ 350 V, DC ≤ 250 V Input Fuses: 250 V rated, 50 mA maximum, time-lag type (internal, non-user-replaceable) Isolation Withstand: 2000 VAC for 1 minute (input to earth) Insulation Resistance: ≥ 10 M Ω at 500 VDC (input to earth) Mode Selection: AC/DC switchable per input

Key Features

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Yokogawa 700987 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Yokogawa 700987. 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 700987 price

This Yokogawa 700987 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Yokogawa 700987 calibration cost

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Applications

Multipoint digital circuit verification in isolated or high-voltage environments Ground-loop-free acquisition of logic signals across multiple circuit nodes Safety-critical circuit validation where isolation integrity is mandatory Compatibility & Integration Connects to ScopeCorder instruments via 26-pin connector with clamp filter (A1190MN). Measurement leads vary by voltage: Model 366961 for ≤ 42 V,

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Unit notes

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700987 Specifications

PARAMETER	VALUE
Voltage / Current Range	DC: 0–250 V
AC	0–250 Vrms (peak ≤350 V)

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.

Yokogawa Logic Analyzers. Voltage: induced damage. The probe detects logic states - h, Channels: 8 bits, Voltage: Model 366961 for ≤ 42 V.

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700987 Specifications

PARAMETER	VALUE
Voltage / Current Range	DC: 0-250 V
AC	0-250 Vrms (peak ≤ 350 V)

Technical Specifications

Input Channels: 8 bits, fully isolated from each other and the host instrument Response Speed: DC ≤ 1 ms; AC ≤ 20 ms Threshold Levels: 6 VDC $\pm 50\%$ or 50 VAC $\pm 50\%$

AC mode: High 80-250 VAC, Low 0-20 VAC

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Key Features

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Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

Request Calibration → Request Repair Quote →

Yokogawa 700987 price

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Yokogawa 700987 calibration cost

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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

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.