

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

YOKOGAWA

Yokogawa DLM3032 350MHz Mixed Signal Oscilloscope

Yokogawa DLM3032 350 Digital Oscilloscope The Yokogawa DLM3032 is a 350 MHz DLM3000 mixed-signal oscilloscope with 2 analog for embedded, power electronics, and mechatronics debug. It combines long-memory analog capture at up to 2.5 GS/s with optional logic analysis, serial-bus decode options, and power-analysis packages. Mixed analog and digital embedded system validation; power electronics switching and timing debug; serial bus trigger and decode with optional /Fxx packages; long-record intermittent fault capture; automotive and industrial control troubleshooting. The Yokogawa DLM3032 is a 350 MHz DLM3000 mixed-signal oscilloscope with 2 analog for embedded, power electronics, and mechatronics debug. It combines long-memory analog capture at up to 2.5 GS/s with optional logic analysis, serial-bus decode options, and power-analysis packages. Mixed analog and digital embedded system validation; power electronics switching and timing debug; serial bus trigger and decode with optional /Fxx packages; long-record intermittent fault capture; automotive and industrial control troubleshooting.



MODEL

**Yokogawa
DLM3032**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

DLM3032

LISTING

<https://aumictechlabs.com/products/dlm3032-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Yokogawa DLM3032 is a 350 MHz mixed-signal oscilloscope that combines digital oscilloscope and logic analyzer functionality into a single instrument. It acquires and displays both analog and digital signals simultaneously, making it ideal for characterizing complex electronic systems. The 8.4-inch XGA TFT color display (1024 × 768 pixels) provides clear waveform visualization across dual analog channels.

Technical Specifications

Analog Channels & Acquisition
2 analog channels 350 MHz bandwidth Maximum sample rate: 2.5 GS/s Record length: 125 Mpoints (single interleave) or 62.5 Mpts A/D resolution: 8-bit standard; up to 12-bit in High Resolution Mode

Input Specifications
Input coupling: AC, DC, DC50 Ω, GND Input impedance: 1 MΩ ±1.0% (~20 pF) or 50 Ω ±1.5% (VSWR ≤1.4, DC to 500 MHz) Vertical sensitivity (1 MΩ): 2 mV/div to 5 V/div in 1-2-5 steps Vertical sensitivity (50 Ω): 2 mV/div to 500 mV/div in 1-2-5 steps Voltage axis sensitivity (1 MΩ): 500 μV/div to 10 V/div Voltage axis sensitivity (50 Ω): 500 μV/div to 1 V/div DC accuracy: 1.5% of 8 div plus offset voltage accuracy Offset voltage accuracy: ±(1% of setting + 0.2 mV) at 2–50 mV/div; ±(1% of setting + 2 mV) at 100–500 mV/div; ±(1% of setting + 20 mV) at 1–5 V/div Maximum input voltage (1 MΩ): 150 Vrms CAT I (≤1 kHz) or 300 Vrms / 400 Vpeak Maximum input voltage (50 Ω): 5 Vrms or 10 Vpeak Selectable bandwidth limits: FULL, 200 MHz, 100 MHz, 20 MHz, 10 MHz, 5 MHz, 2 MHz, 1 MHz, 500 kHz, 250 kHz, 125 kHz, 62.5 kHz, 32 kHz, 16 kHz, 8 kHz

Display & Interface
8.4-inch TFT color LCD with XGA resolution (1024 × 768 pixels) Touchscreen interface with traditional controls USB 3.0 data transfer

Power & Environmental
Power supply: 100–240 VAC, 50/60 Hz Power consumption: 170 VA max Operating temperature: 5°C to 40°C Dimensions: 226 mm (W) × 293 mm (H) × 193 mm (D) Weight: Approximately 4.2 kg

Key Features
Mixed-signal acquisition with parallel analog and digital signal capture Serial bus analysis support for automotive and embedded systems applications High-resolution digitization for precise voltage measurements Extended record length for capturing prolonged signal transients Multiple bandwidth limit options for noise reduction Dual input impedance paths (1 MΩ and 50 Ω) for flexible signal conditioning

Features & description

From manufacturer datasheet

Features

- 350 MHz analog bandwidth, 2 channel configuration

DLM3032 Characteristics / Specifications

PARAMETER	VALUE
Model	DLM3032
Manufacturer	Yokogawa
Instrument Type	Mixed Signal Oscilloscope
Series	DLM3000
Analog Channels	2 analog
Bandwidth	350 MHz
Max Sample Rate Real Time	2.5 GS/s
Max Sample Rate Interleave Off	1.25 GS/s
Max Sample Rate Repetitive	250 GS/s
A/D Resolution	8 bit (25 LSB/div); max 12 bit High Resolution mode
Logic Inputs	None
Vertical Sensitivity 1 MOhm	500 uV/div to 10 V/div (200 MHz models); scales with bandwidth
Vertical Sensitivity 50 Ohm	500 uV/div to 1 V/div
Input Coupling	AC 1 MOhm; DC 1 MOhm; DC 50 Ohm
Input Impedance	1 MOhm +/-1.0%; 50 Ohm +/-1.0%
Max Input Voltage 1 MOhm	300 Vrms or 400 Vpeak
Max Input Voltage 50 Ohm	5 Vrms or 10 Vpeak
Timebase Range	1 ns/div to 500 s/div
Timebase Accuracy	+/-2.5 ppm (shipping); +/-1.0 ppm/year ageing
Record Length Standard Repeat	12.5 M
Record Length Standard Single	50 M points
Record Length Option Max	500 M points (/M3)
Bandwidth Limit Filters	FULL plus 200 MHz down to 8 kHz (14 settings per channel)
Display	8.4-inch capacitive touch TFT
Ch to Ch Isolation	-34 dB typical

PARAMETER	VALUE
Residual Noise	0.2 mV rms or 0.05 div rms typical
History Memory	up to 20,000 waveforms standard (/M2 or /M2S up to 100,000 on DLM5000)
Alias	DLM3032 Notes Specs from Yokogawa DLM3000 datasheet (DLM3032). Memory lengths depend on /M1, /M2, or /M3 options and channel/interleave mode; confirm installed options on the unit.
Optional serial buses	UART/I2C/SPI, CAN/CAN FD/LIN, FlexRay, SENT, CXPI, PSI5

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	DLM3032
Manufacturer	Yokogawa
Instrument Type	Mixed Signal Oscilloscope
Specifications	
PARAMETER	VALUE
Series	DLM3000
Analog Channels	2 analog
Bandwidth	350 MHz
Specifications	
PARAMETER	VALUE
Max Sample Rate Real Time	2.5 GS/s
Max Sample Rate Interleave Off	1.25 GS/s
Max Sample Rate Repetitive	250 GS/s
Specifications	
PARAMETER	VALUE
A/D Resolution	8 bit (25 LSB/div); max 12 bit High Resolution mode
Logic Inputs	None
Vertical Sensitivity 1 MOhm	500 uV/div to 10 V/div (200 MHz models); scales with bandwidth
Specifications	
PARAMETER	VALUE
Vertical Sensitivity 50 Ohm	500 uV/div to 1 V/div
Input Coupling	AC 1 MOhm; DC 1 MOhm; DC 50 Ohm
Input Impedance	1 MOhm +/-1.0%; 50 Ohm +/-1.0%

Specifications

PARAMETER	VALUE
Max Input Voltage 1 MOhm	300 Vrms or 400 Vpeak
Max Input Voltage 50 Ohm	5 Vrms or 10 Vpeak
Timebase Range	1 ns/div to 500 s/div

Specifications

PARAMETER	VALUE
Timebase Accuracy	+/-2.5 ppm (shipping); +/-1.0 ppm/year ageing
Record Length Standard Repeat	12.5 M
Record Length Standard Single	50 M points

Specifications

PARAMETER	VALUE
Record Length Option Max	500 M points (/M3)
Bandwidth Limit Filters	FULL plus 200 MHz down to 8 kHz (14 settings per channel)
Display	8.4-inch capacitive touch TFT

Specifications

PARAMETER	VALUE
Ch to Ch Isolation	-34 dB typical
Residual Noise	0.2 mV rms or 0.05 div rms typical
History Memory	up to 20,000 waveforms standard (/M2 or /M2S up to 100,000 on DLM5000)

Alias: DLM3032

Notes

Specs from Yokogawa DLM3000 datasheet (DLM3032). Memory lengths depend on /M1, /M2, or /M3 options and channel/interleave mode; confirm installed options on the unit.

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

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

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.