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Data Sheet

August 13, 2026

FLUKE

Fluke PM 3390A Autoranging CombiScope, 200 MHz, 2-Channel

Fluke PM 3390A Autoranging CombiScope 200 MHz 2-Channel The Fluke PM3390A is a 200 MHz two-channel Autoranging CombiScope combining an analog real-time oscilloscope with a digital storage oscilloscope. A single control switches between analog and digital modes so complex or video-like signals can be viewed in real time while single-shot and automatic measurements use digital acquisition. The Fluke PM3390A is a 200 MHz two-channel Autoranging CombiScope combining an analog real-time oscilloscope with a digital storage oscilloscope. A single control switches between analog and digital modes so complex or video-like signals can be viewed in real time while single-shot and automatic measurements use digital acquisition.



MODEL

Fluke PM 3390A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PM 3390A

LISTING

<https://aumictechlabs.com/products/pm-3390a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke PM 3390A Autoranging CombiScope is a dual-channel, 200 MHz instrument that merges oscilloscope and digital multimeter capabilities into a single benchtop unit. Engineered for field technicians and service engineers, it delivers real-time waveform capture with digital storage, automatic setup, and precision numerical measurements - eliminating the need to carry

separate instruments. Technical Specifications Bandwidth: 200 MHz Channels: 2 analog inputs Sample Rate (Max): 0.2 GS/s Memory Depth: 32K samples (expandable) Timebase: Continuously variable down to 1 μ s/div in both analog and digital storage modes Input Impedance: 1 M Ω $\pm$ 1% // 25 pF $\pm$ 2 pF Maximum Input Voltage: $\pm$ 150 VRMS (1 M Ω position, CAT II) Measurement Accuracy: $\pm$ 1% of full scale within central 8 horizontal and 6 vertical divisions (magnification $\times$ 1) Key Features Dual Operating Modes: Button-selectable analog or digital storage oscilloscope operation optimized for different signal conditions Auto Setup: Automatically configures channel parameters, timebase settings, and trigger conditions - including external trigger input Advanced Triggering: Edge and slope selection; pattern/glitch detection up to 150 MHz; 2 ns minimum present time detection Cursor Measurements: Horizontal and vertical cursors for manual waveform analysis Measurement Functions: dV, V1-to-ground, V2-to-ground, voltage ratio; dT, frequency (1/dT in Hz), phase ratio Integrated DMM: Combined multimeter functionality within single chassis Typical Applications Field service and troubleshooting of analog and digital circuits; signal integrity verification; equipment commissioning and maintenance; educational laboratory use. Compatibility & Integration RS232 Interface: External computer control GPIB/IEEE-488.2: Automatic test equipment integration and remote command operation

Features & description

From manufacturer datasheet

Features

- Analog real-time plus digital storage in one instrument
- 200 MHz bandwidth on CH1 and CH2
- 200 MS/s real-time sampling
- Autoranging vertical and timebase
- Selectable 1 Mohm / 50 ohm inputs
- External trigger input on 2-channel models

Applications

- Analog real-time viewing of complex or modulated waveforms
- Digital storage capture of single-shot and low-repetition signals
- Dual-channel 200 MHz design and troubleshooting
- Autoranging attenuator and timebase bench scope workloads

Specifications

PARAMETER	VALUE
Model	PM3390A
Manufacturer	Fluke / Philips
Instrument Type	Autoranging CombiScope
Alias	PM3390A; PM 3390A; Fluke PM3390A
Channels	2 plus external trigger
Analog bandwidth 5 to 40 C	greater than 200 MHz at BNC in 50 ohm
Analog bandwidth 0 to 50 C	greater than 175 MHz
Bandwidth limiter	20 MHz
Lower bandwidth AC coupling	less than 10 Hz
Real time sample rate	200 MS/s
Equivalent time sampling	up to 25 GS/s
Input impedance 1 Mohm	1 Mohm +/-1% paralleled by 25 pF +/-2 pF
Input impedance 50 ohm	50 ohm +/-1% selectable
Dynamic range to 50 MHz	+/-12 divisions symmetrical
Dynamic range to 200 MHz	+/-4 divisions symmetrical
Position range	greater than +/-8 divisions
Rise time	less than or equal to 1.75 ns
Vertical sensitivity	autoranging mV/div to V/div
Acquisition modes	Analog real-time; digital storage; alternate timebase
Record length	8K samples standard
Cursors and screen readout	yes
Delayed timebase	fully triggered delayed TB
Operating temperature	0 to 50 C
Power type	Line powered benchtop
Family peer 60 MHz	PM3370A

PARAMETER	VALUE
Family peer 100 MHz	PM3380A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 50 C
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Power type	Line powered benchtop
Family peer 60 MHz	PM3370A
Family peer 100 MHz	PM3380A Notes Bandwidth and input specs from Fluke/Philips PM339xA service/characteristics documentation; sampling/record figures corroborated with PM339xB CombiScope datasheets for the same 200 MHz 2-channel architecture. Confirm exact option ROM/memory on the A-series unit.

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