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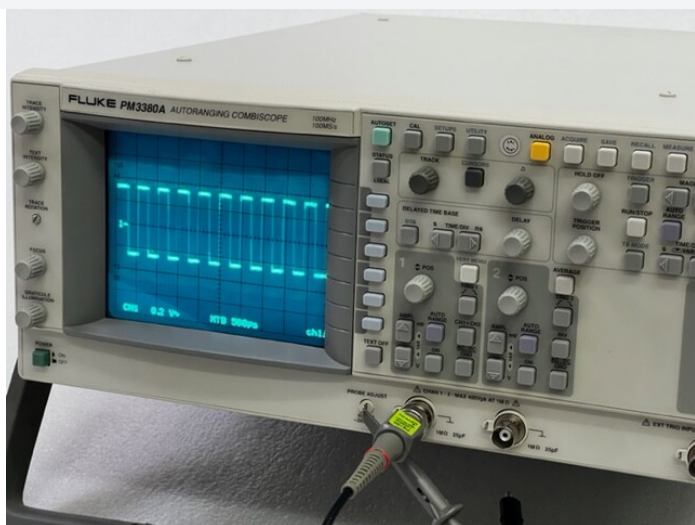
Data Sheet

August 13, 2026

FLUKE

Fluke PM 3384A Autoranging CombiScope, 100 MHz, 4-Channel

Fluke PM 3384A Autoranging CombiScope 100 MHz 4-Channel The Fluke/Philips PM3384A is a 100 MHz four-channel autoranging CombiScope combining analog real-time and digital storage oscilloscope modes. It provides autoset and auto-ranging attenuators/timebase, 200 MS/s real-time sampling, and up to 10 GS/s equivalent sampling on repetitive signals, with cursor/automatic measurements and extensive triggering. The Fluke/Philips PM3384A is a 100 MHz four-channel autoranging CombiScope combining analog real-time and digital storage oscilloscope modes. It provides autoset and auto-ranging attenuators/timebase, 200 MS/s real-time sampling, and up to 10 GS/s equivalent sampling on repetitive signals, with cursor/automatic measurements and extensive triggering.



MODEL

Fluke PM 3384A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PM 3384A

LISTING

<https://aumictechlabs.com/products/pm-3384a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke PM 3384A Autoranging CombiScope is a 100 MHz, 4-channel instrument that transitions between analog and digital storage oscilloscope modes for comprehensive signal analysis. Built on hybrid architecture, it delivers real-time sampling at 200 MS/s with equivalent sampling up to 10 GS/s on repetitive signals, making it suitable for electronics troubleshooting, component characterization, and transient capture across industrial and laboratory environments. Technical Specifications Oscilloscope

Core Bandwidth: 100 MHz Channels: 4 analog input channels Display: 7-inch color CRT Peak detection: Captures glitches as narrow as 5 ns Digital Storage Mode Real-time sample rate: 200 MS/s maximum Equivalent sample rate (repetitive): Up to 10 GS/s (sine interpolation) Single-shot mode frequency limits (5 samples/period, sine interpolation): – 1 channel: 40 MHz – 2 channels: 20 MHz – 4 channels: 1 MHz Acquisition memory: 8K standard; optionally expandable to 32K samples ADC resolution: 8-bit; memory resolution: 16-bit Waveform storage: 10 waveform memories; optional storage for 200+ traces Math functions: Add, Subtract, Multiply, Divide; optional Math+ module adds integration, differentiation, histogramming, and FFT Trigger modes: Pattern, state, and glitch triggering (2 ns); TV triggering including HDTV and TV line selection Acquisition: Pre-trigger/post-trigger support; single-shot four-channel capture with timebase to 625 ns/div using sine interpolation Analog Oscilloscope Mode Full attenuator control on all four input channels User Interface Autoset function: Instant optimized signal display for all channels plus external trigger input Autocal: Automatic fine adjustment for environmental variation compensation Trigger View: External trigger input displayable as third input channel

Key Features Dual-mode operation (analog/digital) in single instrument Signal averaging reduces noise and increases vertical resolution Pre-trigger and post-trigger acquisition for complete event capture Narrow glitch capture at 5 ns minimum pulse width

Typical Applications Digital circuit verification, transient analysis, embedded system debugging, switching power supply characterization, and real-time signal troubleshooting in manufacturing and service environments.

Compatibility & Integration Originally developed by Philips, now Fluke. Operates in both analog and digital storage modes within a single platform.

Features & description

From manufacturer datasheet

Features

• Analog plus digital CombiScope architecture • Full four-channel configuration • Autoset and auto-ranging attenuator/timebase • Peak-detect / glitch capture class acquisition modes • Bandwidth limiter and autoranging convenience • EIA-232-D standard; optional GPIB class interfaces

Applications

• Analog and digital signal troubleshooting to 100 MHz • Four-channel simultaneous capture and analysis • Automated voltage/time measurements and documentation • Glitch, pattern, and TV-line triggering workflows

PM3384A Characteristics / Specifications

PARAMETER	VALUE
Model	PM3384A
Manufacturer	Fluke
Instrument Type	Autoranging CombiScope
Alias	PM3384A; Fluke PM3384A; Philips PM3384A
Channels	4 fully featured
Bandwidth	greater than 100 MHz at -3 dB
Bandwidth limiter	20 MHz at -3 dB
Repetitive equivalent sample rate	up to 10 GS/s
Vertical resolution	8 bits
Acquisition length default class	512 samples
Input impedance class	1 Mohm or 50 ohm selectable
Vertical sensitivity class	2 mV/div to 5 V/div family class
Probe factor support class	50:1 at 100 MHz class
Dynamic range at rated bandwidth class	+/-4 div family class
Trigger modes	edge, video, and advanced modes family class
Interfaces	EIA-232-D; optional GPIB/IEEE-488
Family bandwidth peers	PM3370 60 MHz; PM339x 200 MHz
Operating bandwidth temp window class	+5 to +40 degC stated bandwidth
Autocal	fine-tuning of circuitry Notes Specs from Fluke/Philips PM338xA/B CombiScope family literature and PM3384A manuals. Confirm options (memory, GPIB, Math+) and exactAvsBfirmware on the 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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PARAMETER	VALUE
Model	PM3384A
Manufacturer	Fluke
Instrument Type	Autoranging CombiScope
Alias	PM3384A; Fluke PM3384A; Philips PM3384A
Channels	4 fully featured
Bandwidth	greater than 100 MHz at -3 dB
Bandwidth limiter	20 MHz at -3 dB

Single-shot sample rate: 200 MS/s single channel; 100 MS/s dual
Four-channel single-shot resolution class: 200 ns horizontal via fast chopper

Specifications

PARAMETER	VALUE
Repetitive equivalent sample rate	up to 10 GS/s
Vertical resolution	8 bits
Acquisition length default class	512 samples
Input impedance class	1 Mohm or 50 ohm selectable
Vertical sensitivity class	2 mV/div to 5 V/div family class
Probe factor support class	50:1 at 100 MHz class

Dynamic range class mid-band: +/-12 div family class

Specifications

PARAMETER	VALUE
Dynamic range at rated bandwidth class	+/-4 div family class
Trigger modes	edge, video, and advanced modes family class
Interfaces	EIA-232-D; optional GPIB/IEEE-488

Related B-series peer: PM3384B same 100 MHz / 200 MS/s / 10 GS/s class

Specifications

PARAMETER	VALUE
Family bandwidth peers	PM3370 60 MHz; PM339x 200 MHz
Operating bandwidth temp window class	+5 to +40 degC stated bandwidth
Autocal	fine-tuning of circuitry

Notes

Specs from Fluke/Philips PM338xA/B CombiScope family literature and PM3384A manuals. Confirm options (memory, GPIB, Math+) and exactAvsBfirmware 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>

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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.