

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

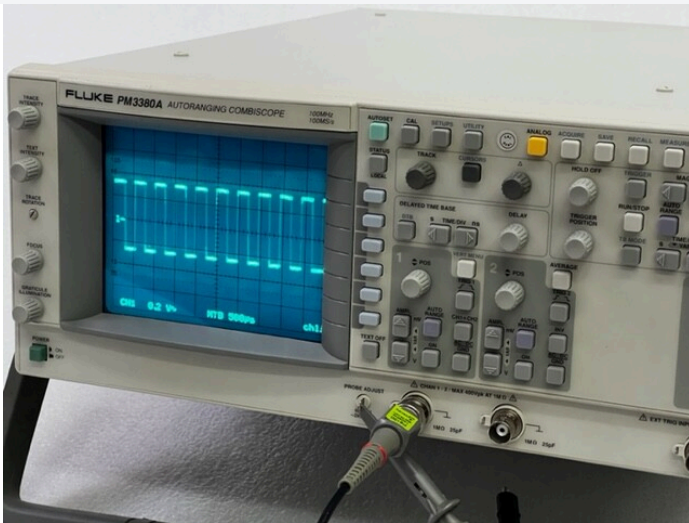
August 13, 2026

FLUKE

Fluke PM 3382A Autoranging CombiScope, 100 MHz, 1-Channel

The Fluke/Philips PM3382A is a 100 MHz autoranging CombiScope in the PM33xx hybrid analog/digital oscilloscope family. CombiScopes combine analog real-time display with digital storage so complex modulated signals can be viewed in analog mode while single-shot and automatic measurements use digital mode. Mode switch: Single push-button analog or digital

Related family models: PM3380B, PM3384B, PM3390B, PM3394B Family sample class: Digital storage modes with autoranging Confirm channel count and digital sample-rate options on the physical PM3382A. Related PM338xB 100 MHz CombiScope specs provide family class context.



MODEL

Fluke PM 3382A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PM 3382A

LISTING

<https://aumictechlabs.com/products/pm-3382a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke PM3382A Autoranging CombiScope is a dual-channel oscilloscope that unifies analog and digital measurement capabilities in a single instrument. Operating at 100 MHz bandwidth, it delivers automatic setup and triggering to streamline signal analysis across complex waveforms, video signals, single events, and low-repetition-frequency measurements. The instrument switches between analog and digital modes to optimize performance for each acquisition

type. Technical Specifications Bandwidth & Sampling Bandwidth: 100 MHz Channels: 2 (analog/digital) Repetitive sampling rate: 10 GSa/s Single-shot sampling rate: 200 MS/s Auto-ranging timebase Triggering & Acquisition Pattern, state, and glitch triggering (2 ns minimum) Glitch capture: 5 ns minimum pulse width Event delay, pre-trigger, and post-trigger modes TV triggering including HDTV and TV line selection Acquisition memory: 8K samples (expandable to 32K) Waveform storage: up to 40 waveforms (204 with optional memory extension) Measurement & Analysis Fully automated voltmeter and time measurement functions Cursor measurements with 1% accuracy Peak detection for glitch capture as narrow as 5 ns Probe-operated Touch Hold and Measure function (frequency, amplitude, DC voltage) Averaging for noise reduction and vertical resolution up to 16 bits Advanced mathematics: digital low-pass filtering Optional MATH+ package: integration, differentiation, histogramming, FFT Sine interpolation and magnification for single-shot acquisitions Key Features Dual analog/digital mode operation optimizes capture for different signal types Autoset function displays optimized signals instantly Auto-ranging attenuators simplify operation Peak detection captures transients as narrow as 5 ns Typical Applications Complex data stream and modulated waveform analysis (analog mode) Single-event and low-repetition-frequency signal capture (digital mode) Video signal measurement Glitch and transient detection Compatibility & Integration Standard EIA-232-D serial interface for printing and plotting Optional GPIB/IEEE-488 interface with IEEE-488.2 and SCPI support

Features & description

From manufacturer datasheet

Features

- Analog + DSO CombiScope architecture
- Autoranging acquisition aids
- 100 MHz bandwidth class
- Family bandwidth limiter and measurement features

Applications

- Analog real-time viewing of complex signals
- Digital storage of single-shot events
- General-purpose 100 MHz bench troubleshooting

PM3382A Characteristics / Specifications

PARAMETER	VALUE
Model	PM3382A
Manufacturer	Fluke / Philips
Instrument Type	Autoranging CombiScope
Alias	PM 3382A; Fluke PM3382A
Analog bandwidth	100 MHz
Channels listed	1 (verify faceplate; related PM3380B is 2-channel)
Instrument architecture	Analog real-time plus digital storage
Bandwidth limiter	20 MHz
AC coupling lower frequency	less than 10 Hz
Bandwidth 5 to 40 degC class	greater than 100 MHz with external 50 ohm
Bandwidth 0 to 50 degC class	greater than 90 MHz
Dynamic range to 25 MHz	+/-12 divisions symmetrical
Dynamic range to 100 MHz	+/-4 divisions symmetrical
Input coupling class	AC / DC / GND family
Mode switch	Single push-button analog or digital
Related family models	PM3380B, PM3384B, PM3390B, PM3394B
Family sample class	Digital storage modes with autoranging Notes Confirm channel count and digital sample-rate options on the physical PM3382A. Related PM338xB 100 MHz CombiScope specs provide family class context.
Bandwidth	class - Family bandwidth limiter and measurement features

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	PM3382A
Manufacturer	Fluke / Philips
Instrument Type	Autoranging CombiScope
Alias	PM 3382A; Fluke PM3382A
Specifications	
PARAMETER	VALUE
Analog bandwidth	100 MHz
Channels listed	1 (verify faceplate; related PM3380B is 2-channel)
Instrument architecture	Analog real-time plus digital storage
Bandwidth limiter	20 MHz
AC coupling lower frequency	less than 10 Hz
Bandwidth 5 to 40 degC class	greater than 100 MHz with external 50 ohm
Bandwidth 0 to 50 degC class	greater than 90 MHz
Dynamic range to 25 MHz	+/-12 divisions symmetrical
Dynamic range to 100 MHz	+/-4 divisions symmetrical
Input coupling class	AC / DC / GND family
Mode switch	Single push-button analog or digital
Related family models	PM3380B, PM3384B, PM3390B, PM3394B
Family sample class	Digital storage modes with autoranging
Notes	
Confirm channel count and digital sample-rate options on the physical PM3382A. Related PM338xB 100 MHz CombiScope specs provide family class context.	

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.