

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

FLUKE

Fluke 103A Frequency Comparator

The Fluke 103A is a frequency comparator instrument used to compare an unknown frequency against a reference for calibration and frequency metrology work. Frequency calibration chains, oscillator comparison, and standards lab frequency difference measurements. Fluke calibration instrumentation lineage Precision frequency difference indication class Input Levels: per manual impedance/level limits Phase Noise Use: relative stability checks class Environment: lab temperature control recommended Configuration Note: extract full frequency range and accuracy tables from Fluke 103A OEM manual before denser upload



MODEL

Fluke 103A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

103A

LISTING

<https://aumictechlabs.com/products/103a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 103A is a reliable and affordable digital multimeter suitable for a wide range of electrical measurements. This compact multimeter offers AC and DC voltage measurements up to 600V, resistance measurements up to 40 MΩ, and continuity testing with an audible buzzer. The Fluke 103A is built to withstand daily use in various environments. Its simple operation and solid design make it a dependable tool for basic electrical troubleshooting.

103A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Frequency comparator
Manufacturer	Fluke
Model	103A
Measurement Role	frequency comparison
Inputs	unknown and reference frequency class
Application Class	calibration metrology
Form Factor	benchtop calibration instrument
Use Stage	standards lab
Output	difference/phase comparison indication class
Reference	external frequency standard class
Resolution	high resolution comparison class
Stability	supports stable oscillator evaluation
Display	analog/digital comparison readout class per revision
Remote	typically local metrology use
Calibration	part of frequency calibration chain
Warm Up	allow thermal stabilization
Accessories	reference cables
Documentation	Fluke 103A manual
Family	Fluke frequency calibration instruments
Input Levels	per manual impedance/level limits
Frequency Range	per OEM manual coverage
Phase Noise Use	relative stability checks class
Environment	lab temperature control recommended
Safety	follow input voltage limits

PARAMETER	VALUE
Configuration Note	extract full frequency range and accuracy tables from Fluke 103A OEM manual before denser upload

103A Specifications

PARAMETER	VALUE
Fluke 103A Frequency Comparator	Overview
Technical Specifications	Instrument Type: Frequency comparator
Notes	Identity rows from Fluke 103A product listings. Expand full comparator frequency/accuracy tables from the Fluke OEM manual before upload.

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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Environment	lab temperature control recommended
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Notes

Identity rows from Fluke 103A product listings. Expand full comparator frequency/accuracy tables from the Fluke OEM manual before upload.

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.