

**Aumictech**

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Data Sheet

August 13, 2026

FLUKE

Fluke 1910A Multifunction Counter

The Fluke 1910A is a multifunction multi-counter covering 5 Hz to 125 MHz with frequency, period, period averaging, and totalize modes. It provides selectable frequency resolution, autoranging/autoreset, a 7-digit LED display, and an external 10 MHz timebase input. Display: 7-digit LED with overflow indicator. Input impedance: 1 Mohm // less than 30 pF, AC coupled. External timebase: 10 MHz at ≥ 300 mV rms into ≥ 1 kohm. Specs from Fluke 1910A product summaries and rental datasheets. Confirm timebase option on the unit.



MODEL

Fluke 1910A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1910A

LISTING

<https://aumictechlabs.com/products/1910a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 1910A is a benchtop multifunction counter delivering precise frequency, period, and pulse totalize measurements across telecommunications, electronics development, and laboratory environments. Its 7- or 8-digit LED display presents readings with $\pm(0.01\% + 1 \text{ LSD})$ accuracy, supported by selectable resolutions from 0.1 Hz to 100 Hz in frequency mode and configurable period averaging up to 10^3 cycles. The instrument spans 5 Hz to 125 MHz in frequency measurement and 5 Hz to 2 MHz for period analysis, with typical input sensitivity of 10 mV rms and adjustable trigger level control for signal conditioning. Autoranging and autoreset functions eliminate manual range selection, while automatic clean dropout suppresses zero-crossing noise below the sensitivity threshold. The 1 M Ω input impedance (shunted by ≤ 30 pF) with AC coupling accepts signals up to 360 V peak DC + AC, or 250 V rms at 5 Hz–1 kHz, and 10 V rms

above 1 kHz. A front-panel 10:1 attenuator extends dynamic range for high-amplitude signals. Gate times from 10 ms to 10 s accommodate variable measurement speeds, while the internal timebase offers 0.5 ppm/month stability with external 10 MHz reference capability. Hysteresis logic prevents oscillation near range boundaries. The instrument operates from 100–240 V AC at 50/60 Hz, weighs 2.3 kg, and fits standard benchtop layouts at 224 × 107 × 291 mm. Self-check mode verifies internal circuitry integrity. BNC connectors interface Channel A input and optional external timebase reference.

Features & description

From manufacturer datasheet

Features

- Frequency, period, period average, totalize • Autoranging and autoreset • Front-panel X10 attenuator
- External 10 MHz timebase input • Optional high-stability timebase (Option 3)

Applications

- Frequency counting to 125 MHz • Period and period-average measurements • Totalize counting •
- Electronics service and cal benches

1910A Characteristics / Specifications

PARAMETER	VALUE
Model	1910A
Manufacturer	Fluke
Instrument Type	Multifunction Counter
Alias	1910A; Fluke 1910A
Frequency range	5 Hz to 125 MHz
Period mode range	5 Hz to 2 MHz
Functions	Frequency, period, period averaging, totalize
Frequency resolution	0.1 Hz, 1.0 Hz, 10 Hz, 100 Hz
Display	7-digit LED with overflow indicator
Input impedance	1 Mohm // less than 30 pF, AC coupled
Attenuator	X10 front-panel switch
External timebase	10 MHz at >=300 mV rms into >=1 kohm
Form factor	Portable / benchtop counter Notes Specs from Fluke 1910A product summaries and rental datasheets. Confirm timebase option on the unit.

1910A Specifications

PARAMETER	VALUE
Fluke 1910A Multifunction Counter	Overview
Applications	- Frequency counting to 125 MHz
Technical Specifications	Model: 1910A
Notes	Specs from Fluke 1910A product summaries and rental datasheets. Confirm timebase option 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

Specifications

PARAMETER	VALUE
Model	1910A
Manufacturer	Fluke
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Specifications

PARAMETER	VALUE
Frequency range	5 Hz to 125 MHz
Period mode range	5 Hz to 2 MHz
Functions	Frequency, period, period averaging, totalize
Frequency resolution	0.1 Hz, 1.0 Hz, 10 Hz, 100 Hz
Display	7-digit LED with overflow indicator
Input impedance	1 Mohm // less than 30 pF, AC coupled

Sensitivity 5 Hz-100 MHz: 15 mV rms

Sensitivity 100-125 MHz: 25 mV rms

Attenuator: X10 front-panel switch

External timebase: 10 MHz at >=300 mV rms into >=1 kohm

Option 3: High stability timebase

Form factor: Portable / benchtop counter

Notes

Specs from Fluke 1910A product summaries and rental datasheets. Confirm timebase option 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

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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.