

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

FLUKE

Fluke 5700A Multifunction Calibrator

The Fluke 5700A Series II is a programmable multifunction calibrator for DC/AC voltage, DC/AC current, and resistance. It is the lower-accuracy sibling of the 5720A Series II in the same platform, supporting artifact calibration, optional wideband AC, and the 5725A amplifier for extended drive. Instrument Type: Multifunction Calibrator Alias: 5700A; Fluke 5700A; 5700A Series II DC voltage best 1-year 95% class: 7 ppm + 3.5 uV AC voltage: 220 mV to 1100 V, 10 Hz to 1 MHz



MODEL

Fluke 5700A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

5700A

LISTING

<https://aumictechlabs.com/products/5700a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 5700A multifunction calibrator is a precision instrument used for calibrating various types of electronic test and measurement equipment. It is capable of sourcing and measuring a wide range of electrical parameters, including DC and AC voltage, DC and AC current, resistance, frequency, and temperature. The 5700A is known for its high accuracy, stability, and versatility, making it suitable for calibration laboratories and metrology facilities. It features a user-friendly interface and automated calibration routines, simplifying the calibration process and improving efficiency.

Features & description

From manufacturer datasheet

Features

- Artifact calibration and Cal Check
- Optional wideband AC voltage
- IEEE-488 and RS-232
- Works with 5725A amplifier

Applications

- Calibration of precision multimeters
- DC/AC V, I, and ohms workload
- Optional RF voltmeter calibration with wideband option
- Extended outputs with 5725A

5700A Characteristics / Specifications

PARAMETER	VALUE
Model	5700A
Manufacturer	Fluke
Instrument Type	Multifunction Calibrator
Alias	5700A; Fluke 5700A; 5700A Series II
DC voltage	0 to +/-1100 V
AC voltage	220 mV to 1100 V, 10 Hz to 1 MHz
DC current	0 to +/-2.2 A (to +/-11 A with 5725A)
AC current	9 uA to 2.2 A, 10 Hz to 10 kHz (to 11 A with 5725A)
Resistance	0 to 100 Mohm, 18 values in x1 and x1.9
Wideband option	300 uV to 3.5 V, 10 Hz to 30 MHz
Power	300 VA class
Weight	about 27 kg Notes Specs from Fluke 5700A/5720A Series II literature. Confirm Series II status and options.

5700A Specifications

PARAMETER	VALUE
Fluke 5700A Multifunction Calibrator	Overview
Technical Specifications	Model: 5700A
Notes	Specs from Fluke 5700A/5720A Series II literature. Confirm Series II status and options.

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	5700A
Manufacturer	Fluke
Instrument Type	Multifunction Calibrator
Alias	5700A; Fluke 5700A; 5700A Series II

DC voltage: 0 to +/-1100 V
DC voltage best 1-year 95% class: 7 ppm + 3.5 uV
AC voltage: 220 mV to 1100 V, 10 Hz to 1 MHz
AC voltage best 1-year 95% class: 75 ppm + 6 uV
DC current: 0 to +/-2.2 A (to +/-11 A with 5725A)
DC current best 1-year 95% class: 50 ppm + 8 nA
AC current: 9 uA to 2.2 A, 10 Hz to 10 kHz (to 11 A with 5725A)
AC current best 1-year 95% class: 140 ppm + 16 nA
Resistance: 0 to 100 Mohm, 18 values in x1 and x1.9
Resistance best 1-year 95% class: 12 ppm

Specifications

PARAMETER	VALUE
Wideband option	300 uV to 3.5 V, 10 Hz to 30 MHz
Power	300 VA class
Weight	about 27 kg

Notes

Specs from Fluke 5700A/5720A Series II literature. Confirm Series II status and options.

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.