

**Aumictech**

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Data Sheet

August 12, 2026

FLUKE

Fluke 5720A Multifunction Calibrator

The Fluke 5720A Series II is a high-accuracy programmable multifunction calibrator for DC/AC voltage, DC/AC current, and resistance. It is the higher-accuracy sibling of the 5700A Series II and supports artifact calibration and optional wideband AC. Pairing with the 5725A amplifier extends voltage/current drive for demanding meters. Instrument Type: Multifunction Calibrator
Alias: 5720A; Fluke 5720A; 5720A Series II DC voltage best 1-year 95% class: 3.5 ppm + 2.5 uV AC voltage: 220 mV to 1100 V, 10 Hz to 1 MHz



MODEL

Fluke 5720A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

5720A

LISTING

<https://aumictechlabs.com/products/5720a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 5720A Multifunction Calibrator provides comprehensive calibration capabilities for various electronic test instruments. It is known for its high accuracy and stability, making it suitable for demanding calibration tasks. This calibrator supports a wide range of functions, including voltage, current, resistance, and frequency calibration, ensuring the reliability and traceability of your measurement devices.

Features & description

From manufacturer datasheet

Features

- Higher specified accuracy than 5700A Series II
 - Artifact calibration and Cal Check
 - Optional wideband AC voltage
 - IEEE-488 and RS-232 interfaces
 - Works with 5725A amplifier
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Applications

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

5720A Characteristics / Specifications

PARAMETER	VALUE
Model	5720A
Manufacturer	Fluke
Instrument Type	Multifunction Calibrator
Alias	5720A; Fluke 5720A; 5720A 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
Wideband accuracy class	+/-0.4% of setting
Power	300 VA class
Weight	about 27 kg
Size height class	17.8 cm rack increment Notes Specs from Fluke 5700A/5720A Series II and upgrade comparison literature. Confirm Series II status, wideband option, and whether a 5725A is present.

5720A Specifications

PARAMETER	VALUE
Fluke 5720A Multifunction Calibrator	Overview
Key Features	- Higher specified accuracy than 5700A Series II
Technical Specifications	Model: 5720A

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	5720A
Manufacturer	Fluke
Instrument Type	Multifunction Calibrator
Alias	5720A; Fluke 5720A; 5720A Series II

DC voltage: 0 to +/-1100 V
DC voltage best 1-year 95% class: 3.5 ppm + 2.5 uV
AC voltage: 220 mV to 1100 V, 10 Hz to 1 MHz
AC voltage best 1-year 95% class: 45 ppm + 8 uV
DC current: 0 to +/-2.2 A (to +/-11 A with 5725A)
DC current best 1-year 95% class: 35 ppm + 7 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: 120 ppm + 8 nA
Resistance: 0 to 100 Mohm, 18 values in x1 and x1.9
Resistance best 1-year 95% class: 8.5 ppm

Specifications

PARAMETER	VALUE
Wideband option	300 uV to 3.5 V, 10 Hz to 30 MHz
Wideband accuracy class	+/-0.4% of setting
Power	300 VA class
Weight	about 27 kg
Size height class	17.8 cm rack increment

Notes

Specs from Fluke 5700A/5720A Series II and upgrade comparison literature. Confirm Series II status, wideband option, and whether a 5725A is present.

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.