

**Aumictech**

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Data Sheet

August 12, 2026

FLUKE

Fluke 5725A Amplifier for 5700 Series

Fluke 5725A Amplifier for 5700 Series Calibrators The Fluke 5725A is a voltage/current amplifier that extends the AC voltage, AC current, and DC current output capability of Fluke 5700A/5720A Series multifunction calibrators. Amplified AC voltage appears at the calibrator front/rear posts so cables need not be moved during mixed procedures. Extended current is sourced from the 5725A OUTPUT posts. The Fluke 5725A is a voltage/current amplifier that extends the AC voltage, AC current, and DC current output capability of Fluke 5700A/5720A Series multifunction calibrators. Amplified AC voltage appears at the calibrator front/rear posts so cables need not be moved during mixed procedures. Extended current is sourced from the 5725A OUTPUT posts.



MODEL

Fluke 5725A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

5725A

LISTING

<https://aumictechlabs.com/products/5725a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 5725A Amplifier is a specialized instrument designed to enhance the capabilities of Fluke 5700A and 5720A calibrators. This amplifier extends the output current range, providing ± 1 Amp at up to 10 V and ± 2 Amps at up to 7 V. Its primary function is to increase the calibrator's workload coverage, making it suitable for a wider array of calibration tasks. The 5725A is an essential tool for precision calibration laboratories, offering improved accuracy and versatility.

Features & description

From manufacturer datasheet

Features

- Controlled by 5700A Series via dedicated interface cable
- Voltage output routed to calibrator binding posts
- Separate high-current OUTPUT posts on 5725A
- Increased capacitive load handling to 1000 pF class

Applications

- Extend 5700/5720 calibrator AC voltage to 1100 V class
- High-current AC/DC calibration through 5725A posts
- Calibration of meters needing higher drive/compliance

5725A Characteristics / Specifications

PARAMETER	VALUE
Model	5725A
Manufacturer	Fluke
Instrument Type	Calibrator Amplifier
Alias	5725A; Fluke 5725A
Compatible calibrators	5700A Series; 5720A Series
AC voltage	220 V to 1100 V rms up to 70 mA (50 mA below 5 kHz), 40 Hz to 30 kHz
AC voltage HF	220 to 750 V rms up to 70 mA, 30 kHz to 100 kHz
DC current	0 A to +/-11 A
AC current	1 A to 11 A rms, 40 Hz to 10 kHz
Capacitive load handling class	1000 pF
Line power	47-63 Hz; nominal voltages 100-240 V selectable class
Max power class	about 750 VA (5725A)
Operating temperature class	0 to 40 C (to 50 C with humidity limits per manual) Notes Specs from Fluke 5725A product page / getting started literature. Confirm interface cable and 5700-series host model.
Operating temperature	class: 0 to 40 C (to 50 C with humidity limits per manual)
Humidity	limits per manual)

5725A Specifications

PARAMETER	VALUE
Fluke 5725A Amplifier for 5700 Series Calibrators	Overview
Applications	- Extend 5700/5720 calibrator AC voltage to 1100 V class
Key Features	- Controlled by 5700A Series via dedicated interface cable
Technical Specifications	Model: 5725A
Notes	Specs from Fluke 5725A product page / getting started literature. Confirm interface cable and 5700-series host model.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	class: 0 to 40 C (to 50 C with humidity limits per manual)
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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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Notes

Specs from Fluke 5725A product page / getting started literature. Confirm interface cable and 5700-series host model.

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.