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Data Sheet

August 13, 2026

FLUKE

Fluke 5560A High-Performance Multi-Product Calibrator

Fluke 5560A High-Performance Multi-Product Calibrator The Fluke 5560A is the high-performance model in the 5560A/5550A/5540A multi-product calibrator family. It calibrates up to 6.5-digit bench DMMs with strong TURs, offers oscilloscope options to 2.1 GHz class, continuous 30 A current, variable L/C/R, simulated power, and MET/CAL automation. The Fluke 5560A is the high-performance model in the 5560A/5550A/5540A multi-product calibrator family. It calibrates up to 6.5-digit bench DMMs with strong TURs, offers oscilloscope options to 2.1 GHz class, continuous 30 A current, variable L/C/R, simulated power, and MET/CAL automation.



MODEL

Fluke 5560A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

5560A

LISTING

<https://aumictechlabs.com/products/5560a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 5560A Multi-Product Calibrator delivers precision electrical and oscilloscope calibration across demanding laboratory and service center workloads. Built on a patented ultra-linear analog-to-digital architecture, this instrument calibrates multimeters, oscilloscopes, clamp meters, and specialized test equipment with performance optimized for improved test uncertainty ratios. A 17.8 cm color touchscreen with graphical user interface accelerates calibration workflows, while continuous 30 A AC/DC output and high-throughput design reduce downtime. Reverse power

protection safeguards against overvoltage transients up to ± 300 V peak.

Technical Specifications

Electrical Output Ranges: Direct voltage: 0 V to ± 1020 V Direct current: 0 A to ± 30.2 A with continuous 30 A output (no duty cycle) AC voltage: 1 mV to 1020 V, 3 Hz to 500 kHz AC current: 10 μ A to 30.2 A, 3 Hz to 30 kHz Volt/hertz: 1000 V at 10 kHz, 330 V at 100 kHz Resistance: 0 Ω to 1200 M Ω Capacitance: 200 pF to 120 mF Inductance: 12 μ H to 12 H with synthesized inductance support Power (dual output): Up to 30.9 kW Temperature & Pressure Calibration: RTD outputs: Pt100 385, Pt100 395, Pt100 3916, Pt200 385, Pt500 385, Pt1000 385, Ni120, Cu10 (2-wire and 4-wire compensation) Thermocouples: Types B, C, E, J, K, L, N, R, S, U, BP, XK with internal or external cold-junction reference Temperature standards: ITS-90, IPTS-68 Oscilloscope Calibration: Bandwidth support up to 2 GHz Waveforms: Sine, triangle, truncated sine, and square wave

Key Features 17.8 cm color touchscreen interface with intuitive graphical controls Patented ultra-linear A/D design for enhanced accuracy New thermocouple connector for broader temperature range coverage Optimized ranging matched to common digital multimeter switching characteristics ± 300 V peak overvoltage protection

Typical Applications Multimeter and clamp meter calibration Oscilloscope calibration to 2 GHz bandwidth Temperature sensor calibration (RTD and thermocouple) High-power equipment calibration (up to 30.9 kW dual output)

Compatibility & Integration Full integration with MET/CAL Calibration Management Software for automated procedures

Features & description

From manufacturer datasheet

Features

- Top accuracy in the 55×0A family
- Continuous 30 A AC/DC current
- Variable inductance (not on 5540A)
- Dual-output phantom power
- Optional 2.1 GHz scope bandwidth

Applications

- High-end benchtop DMM calibration
- Oscilloscope calibration to multi-GHz options
- Clamp meters to 1500 A with coils; extend with 52120A
- Automated multi-product cal labs

5560A Characteristics / Specifications

PARAMETER	VALUE
Model	5560A
Manufacturer	Fluke
Instrument Type	Multi-Product Calibrator
Alias	5560A; Fluke 5560A
DC voltage	0 V to +/-1020 V
DC current	0 A to +/-30.2 A continuous
AC voltage	1 mV to 1020 V; 3 Hz to 500 kHz
AC current	10 uA to 30.2 A continuous; 3 Hz to 30 kHz
Resistance variable	0 ohm to 1200 Mohm
Capacitance variable	0 nF to 120 mF
Inductance variable	12 uH to 120 H
Oscilloscope bandwidth options class	2.1 GHz, 1.1 GHz, or 600 MHz
Frequency uncertainty class	less than 2.5 ppm
Waveforms	sine and square Notes Specs from Fluke 5560A/5550A/5540A datasheet. Confirm scope option and 52120A preseneet.
Bandwidth	Technical Specifications

5560A Specifications

PARAMETER	VALUE
Key Features	- Top accuracy in the 55×0A family
Technical Specifications	Model: 5560A
Notes	Specs from Fluke 5560A/5550A/5540A datasheet. Confirm scope option and 52120A presence.

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.

Performance Multi-Product Calibrator

Overview

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Inductance variable	12 uH to 120 H

Power dual-output class: 30.9 kW

Specifications

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Oscilloscope bandwidth options class	2.1 GHz, 1.1 GHz, or 600 MHz
Frequency uncertainty class	less than 2.5 ppm
Waveforms	sine and square

Notes
Specs from Fluke 5560A/5550A/5540A datasheet. Confirm scope option and 52120A presence.

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

788 S 500 E, Pleasant Grove, UT 84062
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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.