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Data Sheet

August 12, 2026

FLUKE

Fluke 341A DC Voltage Calibrator

The Fluke 341A is a precision DC voltage calibrator providing calibrated DC outputs for meter and instrument calibration. It is a classic Fluke calibrator with multi-digit resolution for laboratory and calibration-lab use. Resolution class: 6-digit class (literature summaries) Basic accuracy class: about 50 ppm (literature summaries) Output voltage class: up to about 1111.110 V (family literature) Resolution class: 6-digit class (literature summaries) Basic accuracy class: about 50 ppm (literature summaries) Output voltage class: up to about 1111.110 V (family literature) Confirm exact range switch markings, accuracy statement, and current limits from the Fluke 341A manual/faceplate—public summaries vary by revision.



MODEL

Fluke 341A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

341A

LISTING

<https://aumictechlabs.com/products/341a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 341A DC Voltage Calibrator generates stable, accurate DC voltage outputs for calibrating and testing measurement devices. This precision instrument delivers 0 to 1100 V across three ranges with 6-digit resolution and 50 ppm basic accuracy, making it suitable for performance verification of multimeters, data acquisition systems, and voltage-measuring equipment in metrology and production environments. Technical Specifications DC Voltage Output Ranges: 0 to 1100 V (three distinct ranges) Resolution: 6-digit with 10 μ V minimum step Basic Accuracy: 50 ppm Range-specific accuracy: $\pm 0.005\%$ of setting or $\pm 0.0003\%$ of range (10 V and 100 V ranges); $\pm 0.005\%$ of setting or $\pm 0.0002\%$ of range (1000 V range) Ripple and noise: 50 μ V

RMS Short-term jitter: <1 ppm Warm-up time: 30 minutes for specified accuracy Reference conditions: 23°C ±1°C, up to 70% relative humidity (90-day specification) Output Control & Protection Voltage selection: Eleven-position decade switches with direct digital readout Variable current limiter: 1 to 30 mA (front panel adjustable) Overload protection: Failsafe crowbar circuit Power Input: 115 V or 230 V AC ±10%, 50 to 440 Hz Consumption: ~60 VA (fully loaded)Key Features Direct-reading decade switches eliminate interpretation error Front panel meter displays output current or voltage Compact design: 8.9 cm H × 43.2 cm W × 45.7 cm D; 10.43 kg Dual-mount capability: Rack brackets supplied; resilient feet and tilt-down bail for bench operationTypical Applications Calibrating DC voltage measurement devices Multimeter verification and acceptance testing Data acquisition system validation General voltage-measuring equipment calibrationCompatibility & Integration The 341A connects directly to DC voltage measurement instruments via output terminals on the rear panel. Designed to work with standard laboratory equipment and integrated into calibration workstations requiring traceable voltage references.

Features & description

From manufacturer datasheet

Features

- Precision DC voltage calibrator • Multi-digit output setting • Bench calibrator form factor

Applications

- DC voltmeter calibration • Lab DC voltage reference/stimulus • Production calibration benches

341A Characteristics / Specifications

PARAMETER	VALUE
Model	341A
Manufacturer	Fluke
Instrument Type	DC Voltage Calibrator
Alias	341A; Fluke 341A
Resolution class	6-digit class (literature summaries)
Basic accuracy class	about 50 ppm (literature summaries)
Output voltage class	up to about 1111.110 V (family literature) Notes Confirm exact range switch markings, accuracy statement, and current limits from the Fluke 341A manual/faceplate–public summaries vary by revision.

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

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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.