

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

FLUKE

Fluke 702 Documenting Process Calibrator

The Fluke 702 is a handheld documenting process calibrator for measuring and sourcing voltage, current, resistance, frequency, temperature, and pressure (with modules). It simultaneously measures and sources, stores procedures and results for ISO-quality documentation, and adds a PC interface versus the 701 for uploading/downloading with DPC/TRACK or PMLink-class software. Data logging stores up to 8000 readings. Instrument Type: Documenting Process Calibrator Alias: Fluke 702; 701/702 Documenting Process Calibrator DC mA measure: 30 mA and 110 mA ranges class Resistance measure: 11 Ohm to 11 kOhm class



MODEL Fluke 702	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 702	LISTING https://aumictechlabs.com/products/702-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 702 Documenting Process Calibrator is a battery-powered, handheld instrument for troubleshooting, calibration, verification, and documentation of process instruments in industrial environments. It measures and sources electrical and physical parameters with rugged construction and automatic documentation capabilities that ensure traceability to ISO 9000, EPA, FDA, and OSHA standards. Technical Specifications Voltage and Current DC Voltage Measurement: 110.000 mVdc to 300.00 Vdc with 5 MΩ input impedance DC Voltage Source: 110.000 mV, 1.10000 V, 11.0000 V ranges AC Voltage: 1.1000 V, 11.000 V, 110.00 V, 300.0 V rms (20 Hz to 5 kHz) DC Current Measurement: 30.00 mA dc to 110.00 mA dc DC Current Source: 22.000 mA with 24 V maximum burden voltage Resistance and Impedance Measurement and Source Range: 11.000 Ω to 11.000 kΩ Accuracy: 0.01% + 0.02 Ω at 11 Ω; 0.03% + 5 Ω at 11 kΩ Frequency Measurement Range: 1.00 Hz to 50.00 kHz Source Range: 2.00 Hz to 50

kHz Temperature RTDs: 10 Ω Cu(427), 100 Ω Pt(3916/3926/385), 200 Ω Pt(385), 500 Ω Pt(385), 1000 Ω Pt(385), 120 Ω Ni(672) Thermocouples: E, N, J, L, K, T, U, B, R, S, C types with automatic reference-junction compensation Pressure Optional external pressure modules; ranges from 0–10" water (0–2.5 kPa) to 0–10,000 psi (0–70,000 kPa)Key Features Simultaneous measure and source capability Data logging capacity: 8,000 readings Internal isothermal block with automatic temperature compensation On-screen data recall for calibration documentationDocumentation and Integration PC interface via PMLink software for uploading/downloading procedures and results Automatic capture of calibration results and procedures Compliance documentation for ISO 9000, EPA, FDA, and OSHA requirements

Features & description

From manufacturer datasheet

Features

- Simultaneous measure and source
-

Applications

- Field calibration of process transmitters and loops

702 Characteristics / Specifications

PARAMETER	VALUE
Model	702
Manufacturer	Fluke
Instrument Type	Documenting Process Calibrator
Alias	Fluke 702; 701/702 Documenting Process Calibrator
DCVmeasure range class	110 mV to 300 V
ACVmeasure	20 Hz to 5 kHz class
DC mA measure	30 mA and 110 mA ranges class
Resistance measure	11 Ohm to 11 kOhm class
Frequency measure	1 Hz to 50 kHz class
DCVsource ranges	110 mV, 1.1 V, 11 V
mA source / simulate	22 mA
Resistance source	11 Ohm to 11 kOhm class
Frequency source	2 Hz to 50 kHz class
Thermocouple types	ENJLKTUBRSC RTD types: Cu427; Pt3916; Pt3926; Pt385 100/200/500/1000; Ni672
Data log rate	1 to 60 readings per minute
Data log capacity	8000 readings max
Loop power	24 V or 28 V; 22 mA max
Size	130 x 236 x 61 mm
Weight	1.4 kg
Battery	NiCd 7.2 V 1700 mAh
Battery life	greater than 8 hours typical
Operating temperature	-10 C to 50 C
Storage temperature	-20 C to 60 C
PC interface	yes Model 702

PARAMETER	VALUE
Enclosure	IEC 529 IP52 class Notes Specs from Fluke 701/702 documenting process calibrator literature and accuracy tables. Confirm pressure modules and software cable with the unit.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	20 C to 60 C
Operating temperature	10 C to 50 C
Operating Temperature	10 C to 50 C
PC interface	yes Model 702
Enclosure	IEC 529 IP52 class Notes Specs from Fluke 701/702 documenting process calibrator literature and accuracy tables. Confirm pressure modules and software cable with the unit.

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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Enclosure: IEC 529 IP52 class

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.