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Test & measurement • bought, sold, repaired, calibrated

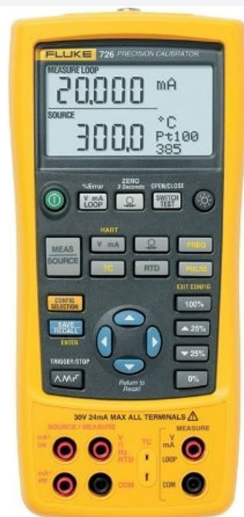
Data Sheet

August 13, 2026

FLUKE

Fluke 726 Precision Multifunction Calibrators

Fluke 726 Precision Multifunction Calibrator The Fluke 726 is a handheld precision multifunction process calibrator for measure and source of voltage, current, resistance, frequency, temperature, and pressure with optional modules. It offers 0.01% class electrical accuracy, dual display, transmitter error percent calculation, memory for calibration results, HART-compatible 250 ohm insert, and integrated pressure-switch test. The Fluke 726 is a handheld precision multifunction process calibrator for measure and source of voltage, current, resistance, frequency, temperature, and pressure with optional modules. It offers 0.01% class electrical accuracy, dual display, transmitter error percent calculation, memory for calibration results, HART-compatible 250 ohm insert, and integrated pressure-switch test.



MODEL

Fluke 726

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

726

LISTING

<https://aumictechlabs.com/products/726-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 726 Precision Multifunction Calibrator simultaneously measures, sources, and displays process signals across two independent channels. Built for field technicians and calibration engineers, this instrument delivers 0.01% general accuracy while supporting voltage, current, resistance, frequency, temperature, and pressure measurements and sourcing. Dual-channel operation enables concurrent sensor and transmitter testing without reconfiguration. Technical Specifications Voltage & Current DC voltage measurement: 0–30 V (0.025% accuracy) DC voltage sourcing: 0–20 V DC current measurement and sourcing: 0–24 mA (0.01% accuracy) Integrated

24 V loop supply for powering transmitters during measurement Resistance & Frequency
Resistance measurement and sourcing: 5–4000 Ohms Frequency measurement and sourcing: Up to 15 kHz with frequency totalizer and pulse train source modes for flowmeter testing Temperature Measures and sources 8 RTD types and 14 thermocouple types (J, K, T, E, L, N, U, C, BP, XK, B, R, S) Supports custom RTD curves through calibration constants for certified RTD probes Pressure Compatible with 29 Fluke 700Pxx Pressure Modules (sold separately) Pressure measurement accuracy: 0.025% of range minimum Supports differential, gauge, vacuum, absolute, dual, and high-pressure applications Enables simultaneous mA sourcing with pressure measurement for valve and I/P characterizationKey Features Dual-channel simultaneous measurement, sourcing, and display Transmitter error percentage calculations with auto-interpretation Integrated pressure switch testing: captures set point, reset point, and deadband Fast linearity tests with auto-step and auto-ramp functionality 24 V loop supply powers transmitters during testing Stores up to 8 calibration results and frequently-used test setups HART mode support with 250-ohm resistor insertionTypical Applications Sensor and transmitter calibration and verification Process loop troubleshooting and commissioning Pressure switch set-point confirmation Flowmeter linearity testing Multi-parameter field device validationCompatibility & Integration Expands measurement capability through optional Fluke 700Pxx pressure modules for applications requiring pressure sourcing and measurement across diverse industrial pressure ranges.

Features & description

From manufacturer datasheet

Features

• Dual display measure and source • Transmitter error % calculation without a calculator • Memory storage for up to 8 calibration results • Frequency totalizer and pulse-train source modes • Custom RTD curves for certified probes • 24 V loop power with short-circuit protection

Applications

• Precision transmitter calibration in the field • Measure/source of process V, mA, ohms, frequency, and temperature • Flowmeter frequency totalizer and pulse-train testing • Pressure switch set/reset/deadband capture with modules • HART transmitter loops needing 250 ohm series resistance

726 Characteristics / Specifications

PARAMETER	VALUE
Model	726
Manufacturer	Fluke
Instrument Type	Precision Multifunction Process Calibrator
Alias	726; Fluke 726
DC voltage measure upper 30 V	0.01% + 2 mV
DC voltage measure lower 20 V	0.01% + 2 mV
DC voltage measure 90 mV	0.01% + 10 uV
TC mV measure/source	-10.00 mV to 75.00 mV; 0.025% + 1 count
DC current measure 24 mA	0.01% + 2 uA class
Resistance measure	0.0 to 4000.0 ohm; +/-0.015%
Frequency measure CPM	2.0 to 1000.0 CPM; 0.05% + 0.1 cpm
Frequency measure Hz	1.0 to 1000.0 Hz; 0.05% + 0.1 Hz
Frequency measure kHz	1.00 to 15.00 kHz; 0.05% + 0.01 kHz
Frequency sensitivity	1 V peak-to-peak minimum
Pressure accuracy with 750P modules	from 0.025% of range
DC voltage source 100 mV	0.01% + 10 uV
DC voltage source 20 V	0.01% + 2 mV
DC current source 24 mA	0.01% + 2 uA
DC current simulate 24 mA	0.01% + 2 uA
RTD resolution	0.01 degC typical
Loop power	24 V; accuracy 10%; max 22 mA short-circuit protected
Ramp modes	slow, fast, 25% step-ramp
Step modes	25% of range; 100% of range
Operating temperature	-10 degC to 55 degC
Storage temperature	-20 degC to 71 degC

PARAMETER	VALUE
Size	200 mm x 96 mm x 47 mm
Weight	650 g
Battery	four AA alkaline; about 25 hours typical
Warranty	three years Notes Specs from Fluke 726 product datasheet and 724/725/726 family documentation. Confirm pressure modules and stored results on the unit.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	20 degC to 71 degC
Operating temperature	10 degC to 55 degC
Operating Temperature	10 degC to 55 degC
Size	200 mm x 96 mm x 47 mm
Weight	650 g
Battery	four AA alkaline; about 25 hours typical
Warranty	three years Notes Specs from Fluke 726 product datasheet and 724/725/726 family documentation. Confirm pressure modules and stored results on 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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DC voltage source 20 V	0.01% + 2 mV
DC current source 24 mA	0.01% + 2 uA
DC current simulate 24 mA	0.01% + 2 uA
RTD Pt100-385 measure/source: 0.45 degC	
RTD Pt1000-385 measure/source: 0.35 degC	
Specifications	
PARAMETER	VALUE
RTD resolution	0.01 degC typical
Loop power	24 V; accuracy 10%; max 22 mA short-circuit protected
Ramp modes	slow, fast, 25% step-ramp

PARAMETER	VALUE
Step modes	25% of range; 100% of range
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Warranty: three years

Notes

Specs from Fluke 726 product datasheet and 724/725/726 family documentation. Confirm pressure modules and stored results on the unit.

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.