

FLUKE® Compact Process Calibrators

Rugged calibrators are EMI-tolerant, dust-resistant, and splash-resistant

A Fluke 705 mA Calibrator

This loop calibrator displays mA and % readouts simultaneously for easy interpretation of results. It features a 24 V internal loop supply allowing you to power and read a transmitter at the same time without the need of a DMM. The selectable slow ramp, fast ramp, and step provide smooth outputs for valve slewing and loop functional tests. Span check feature enables rapid confirmation of zero and span. Unit features mA accuracy of ±0.02%. Includes protective holster, test lead set (Fluke TL75), and alligator clips.

B Fluke 707 Loop Calibrator

This loop calibrator has improved mA accuracy of 0.015%, 0.001 mA resolution. Use it to troubleshoot and calibrate transmitters. This unit features simultaneous mA and percent readout and provides 24 V internal loop power. The large display and pushbutton interface are easy to use and the “Span Check” feature enables rapid confirmation of zero and span. Large knob allows for easy one-handed operation. Provides pushbutton 25% steps for fast, easy linearity checks. Includes protective holster, test leadset (Fluke TL75) and alligator test clips.

C Fluke 707Ex Intrinsically Safe Loop Calibrator

This loop calibrator is specifically designed to meet intrinsically safe applications. Includes all general measurement and source specifications as the standard Fluke 707 model with added safety specifications for sensitive areas. Meets ATEX certifications—Ex II G Eex ia IIC T4 Zones 1 and 2, ZELM 02 ATEX 0120 X and FM certification for N.I. Class 1, Division 2, Groups A-D. Includes protective holster, alligator test clips, test lead set (Fluke TL75), and one 9 V battery.

D Fluke 715 Volt/mA Calibrator

This unit measures loop current (0 to 20 mA, 4 to 20 mA) signals with 0.015% accuracy and 1 µA resolution. Source voltage to 100 mV or 10 V. A 24 V loop power supply is provided with simultaneous current measurement. Includes protective holster, test lead set (Fluke TL75), and alligator clips.



Large knob allows for easy one-handed operation.



Specifications

Operating temperature: 14 to 131°F (–10 to 55°C)
Display: 5-digit LCD
Power: one 9 V battery (included)

Dimensions
 Models 26072-00, 26071-90, -95:
 2 7/8" W x 6" H x 1 1/8" D
 Model 26071-50: 3 1/16" W x 7 3/8" H x 1 1/4" D

Drive capability
 Models 26072-00, 26071-50: 1000 Ω @ 24 mA
 Model 26071-90: 1200 Ω @ 24 mA
 Model 26071-95: 700 Ω @ 20 mA



Catalog number	A R-26072-00	B R-26071-90	C R-26071-95	D R-26071-50	
Fluke model number	705	707	707 Ex	715	
Voltage	Range	0 to 28 VDC	0 to 28 VDC	0 to 100 mV, 0 to 10 V	
	Resolution	1 mV	1 mV	10 µV, 1 mV	
	Accuracy	±0.025% rdg + 1 LSD	±0.015% rdg + 2 LSD	±0.015% rdg + 2 LSD	±0.02% rdg + 2 LSD
Current	Range	0 to 24 mA	0 to 24 mA	0 to 24 mA	
	Resolution	0.001 mA	0.001 mA	0.001 mA	0.001 mA
	Accuracy	±0.02% rdg + 2 LSD	±0.015% rdg + 2 LSD	±0.015% rdg + 2 LSD	±0.015% rdg + 2 LSD
Current sourcing	Range	0 to 24 mA	0 to 24 mA	0 to 24 mA	
	Resolution	0.001 mA	0.001 mA	0.001 mA	0.001 mA
	Accuracy	±0.025% rdg + 2 LSD	±0.015% rdg + 2 LSD	±0.015% rdg + 2 LSD	±0.015% rdg + 2 LSD
Price					

Accessories

- R-26002-30 Industrial test lead set; Fluke model TL220.....
- R-26002-75 Hard point test leads; Fluke model TL75.....
- R-26002-28 Automotive test leads; Fluke model TL28A.....
- R-26003-40 Meter case; zippered Fluke model C25.....
- R-09376-04 Replacement batteries; 9 V. Pack of 4..... /pk

GO to page(s) 2087–2100

For a complete selection of our temperature calibration instruments, see our “Temperature Calibration” section.