Fluke 715, 707 and 705 Loop Calibrators

Complete family of volt/mA calibrators



Fluke 715

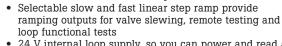
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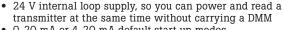
Fluke 715 Volt/mA Calibrator

- Source voltage to 200 mV or 20 V
- Measure loop current (0-20 mA, 4-20 mA) signals with 0.01 % accuracy and 1 μA resolution
- Measure voltage output process signals from PLCs, transmitters
- Source or simulate 4-20 mA loop current
- 24 V loop supply with simultaneous current measurement
- Ramp and Step Ramp output functions

Fluke 707 and 705

- Innovative output adjustment dial on 707 provides 1 μA and 100 μA resolution and one-hand operation
- Large display and simple interface for ease of use
- Simultaneous mA and % readout for quick, easy interpretation of readings
- mA accuracy of 0.015 % on the Fluke 707 and 0.02 % on the 705
- HART™ mode on 707 connects 250 ohm resistor in series with 24 V loop for compatibility with HART communicators
- Push button 25 % steps for fast, easy linearity checks
- "Span Check" for fast confirmation of zero and span





0-20 mA or 4-20 mA default start up modes



Fluke 707

Specifications

Functions	Fluke 705 and 707	Fluke 715		
Voltage measurement				
Range	0 V to 28 V	0 mV to 200 mV	0 V to 25 V	
Resolution	1 mV	10 μV	1 mV	
Accuracy	705: 0.025 % Rdg + 1 LSD 707, 707Ex: 0.015 % Rdg + 2 LSD	0.01 % Rdg + 2 LSD		
Current measurement				
Range	O mA to 24 mA	O mA to 24 mA		
Resolution	0.001 mA	0.001 mA		
Accuracy	705: 0.02 % Rdg + 2 LSD 707, 707Ex: 0.015 % Rdg + 2 LSD	0.01 % + 2 LSD		
Current sourcing				
Range	0 mA to 20 mA or 4 mA to 20 mA	0 mA to 20 mA or 4 mA to 20 mA		
Accuracy	705: 0.025 % Rdg + 2 LSD 707, 707Ex: 0.015 % Rdg + 2 LSD	0.01 % Rdg + 2 LSD		
Drive capability	705: 1000 Ω @ 24 mĀ 707: 1200 Ω @ 24 mĀ 707Ex: 700 Ω @ 20 mĀ	1000 Ω @ 24 mĀ		
Loop power while measuring mA	24 V	24 V		
Voltage sourcing		0 mV to 200 mV or 0 V to 20 V		
Display current and % of span	Yes	mA or %		
Auto step, auto ramp	Yes	Yes		
Span Check	Yes	Yes		
Battery life	18 hours typical, at 12 mA	18 hours typical, at 12 mA		
Warranty	Three-year			

Ordering information

Included accessories	Models	
Test leads, alligator clips, holster, traceable calibration report and data,	FLUKE-715	Volt/mA Calibrator
single 9 V alkaline battery, instruction sheet (14 languages).	FLUKE-707	Loop Calibrator
	FLUKE-707 Ex	Intrinsically Safe Loop Calibrator
	FLUKE-705	Loop Calibrator

Specialty models

Fluke 707 Ex **Intrinsically Safe** Loop Calibrator

See page 40 for more information.



Recommended accessories





TL28A Test Lead Set

TL220 SureGrip Industrial Test Lead Set





C550 Tool Bag See page 63

PV350 Pressure Vacuum Module See page 72

Check price and availability at www.fluke.com/wtb