

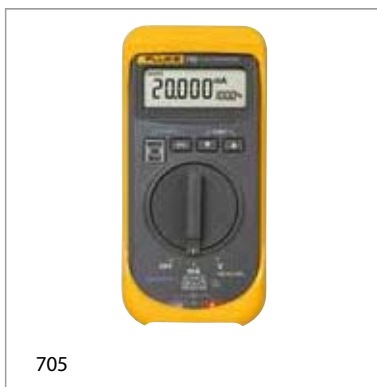


709



709H

HART  
COMMUNICATION PROTOCOL



705

### mA Loop Calibrators

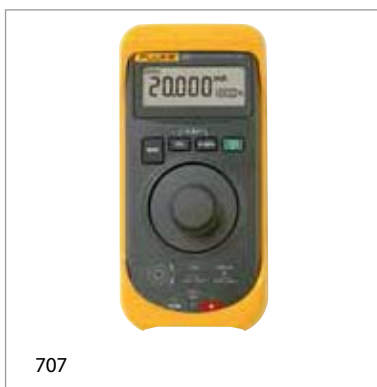
Fluke loop calibrators are ideal for a wide variety of calibration applications from 4 to 20 mA.

#### 705 Loop Calibrator

A cost-effective, integrated solution for calibration, repair and maintenance of current loops.

- mA sourcing, simulation and measurement
- Simultaneous mA and % of span display
- 24 V loop supply with mA measure
- 0 V dc to 28 V dc measurement to check loop voltage
- NIST traceable calibration

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707

#### 707 Loop Calibrator

A high performance, extremely fast and easy-to-use solution for calibration, repair and maintenance of current loops.

- mA sourcing, simulation and measurement
- 24 V loop supply with mA measure, including 250 Ω HART resistor
- 0 V dc to 28 V dc measurement to check loop voltage
- NIST traceable calibration

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707EX

#### 707EX IS Loop Calibrator

An intrinsically safe option for use in explosion endangered areas—certified in accordance with the ATEX directive (Ex II 2 G Ex ia IIC T4) in Zones 1 and 2.

- 1 µA resolution for mA source, simulate and measure
- Measures V dc to 28 V
- 0-20 mA or 4-20 mA default startup modes
- HART<sup>®</sup> compatible resistance is connected in series with the loop supply for compatibility with HART communicators
- NIST traceable calibration

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#### 709 Precision Loop Calibrator

Reduces the time it takes to measure or source voltage or current and power up a loop.

- Best-in-class accuracy at 0.01% reading
- Small rugged design operates on six standard AAA batteries
- Intuitive user interface with Quick-Set knob for fast setup, easy use
- Built-in selectable 250 Ω resistor for HART communication
- 24 V dc loop power with mA Measure Mode (-25% to 125%)
- Resolution of 1 µA on mA ranges and 1 mV on voltages ranges
- NIST traceable calibration

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#### 709H Precision Loop Calibrator with HART Communications/Diagnostics

Designed to save time and produce high-quality results

- HART Communication built in for easy HART device maintenance
- Best-in-class accuracy at 0.01% reading
- Small rugged design operates on six standard AAA batteries
- Intuitive user interface with Quick-Set knob for fast setup, easy use
- Built-in selectable 250 Ω resistor for HART communication
- 24 V dc loop power with mA Measure Mode (-25% to 125%)
- Resolution of 1 µA on mA ranges and 1 mV on voltage ranges
- NIST traceable calibration

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