

Технические данные

# Fluke 707Ex Искробезопасный калибратор петли тока



## Ключевые особенности

- High performance intrinsically safe loop calibrator for use in potentially explosive environments
- Is certified in accordance with ATEX directive (Ex II 2 G Ex ia IIC T4) in Zones 1 and 2 and to operate in accordance with Factory Mutual N.I. Class 1, Division 2 areas Group A-D
- Features large display and simple, quick-click interface for easy one-handed operation

## Обзор прибора: Fluke 707Ex Искробезопасный калибратор петли тока

### The fast one-handed tool for mA loop checks in Ex zones

The 707Ex is an intrinsically safe loop calibrator for use in explosion endangered areas. The Fluke 707Ex is certified in accordance with the ATEX directive (Ex II 2 G Ex ia IIC T4) in Zones 1 and 2.

## Характеристики: Fluke 707Ex Искробезопасный калибратор

## ПЕТЛИ ТОКА

Specifications		
Current measurement	<b>Range</b>	0 to 24 mA
	Resolution	0.001 mA
	Accuracy	0.015% Rdg + 2 LSD
Current sourcing	<b>Range</b>	0 to 20 mA or 4 to 20 mA
	Accuracy	0.015% Rdg + 2 LSD
	Drive capability	700 Ω at 20 mA
Current simulation	<b>Range</b>	0 to 20 mA or 4 to 20 mA
	Accuracy	0.015% Rdg + 2 LSD
Loop power	While measuring mA, 24 V	
Voltage measurement	<b>Range</b>	0 to 28 V DC
	Resolution	1 mV
	Accuracy	0.015% Rdg + 2 LSD
Environmental Specifications		
Operating temperature	-10°C to 55°C	
Storage temperature	-40°C to 60°C	
Humidity (without condensation)	0 to 95% (0°C to 30°C);	
	0 to 75% (30°C to 40°C)	
	0 to 45% (40°C to 50°C)	
Temperature coefficient	-10°C to 18°C, 28°C to 55°C, ±.005% of range per °C	
Safety Specifications		
Safety	CSA C22.2 No. 1010.1:1992	
EMC	EN50082-1:1992 and EN55022:1994 Class B	
Maximum voltage	30 V	
ATEX certification	Ex II G Ex ia IIC T4 Zones 1 and 2, ZELM 02 ATEX 0120 X	
CE certification	EN61010-1 and EN61326	
Mechanical and General Specifications		
Size	152 x 70 x 41 mm	
Weight	224 g (350 g including holster)	
Batteries	One 9V battery Alkaline	
Warranty	3 year	
Shock & vibration	per MIL-T-28800 for a Class 2 Instrument	
Display current and % of span	Yes	
Auto step, auto ramp	Yes	



Span check	Yes
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## Модели



### **Fluke 707Ex**

Fluke 707Ex Intrinsically Safe Loop Calibrator

Includes:

- Alligator test clips
- Instruction manual (on CD-ROM)
- Protective holster with Flex-Stand™
- Safety designed test leads
- NIST- traceable calibration report and data

