

## 712 RTD Calibrator

Compact, lightweight, and easy to carry



### 712 RTD Calibrator

- Measure temperature from RTD output
- Simulate RTD output
- Rosemount pulsed RTD transmitter compatible
- Operates with seven types of RTDs
- Measure additional RTDs using Ohms measurement function
- Simulate additional RTDs using Ohms source function
- °F or °C selectable
- Four shrouded banana jacks

### General features

- Compact and lightweight
- Simple controls
- Clear, 5-digit, liquid crystal display
- Operating temperature: -10°C to 55°C
- Safety: CSA C22.2 No. 1010.1:1992
- Three-year warranty
- Included:
  - Fluke 712 RTD Calibrator
  - Protective Yellow Holster with Flex-Stand™
  - Test leads and alligator clips
  - Single 9V alkaline battery
  - Instructions (14 languages)

### General specifications

- Maximum voltage:** 30 volts
- Non-operating temperature:** -40°C to 60°C
- Operating temperature:** -10°C to 55°C
- Relative humidity:** 95% (10°C to 30°C); 75% (30°C to 40°C); 45% (40°C to 50°C); 35% (50°C to 55°C)
- Operating altitude:** 3,000m max
- Shock:** 1m drop test
- Vibration:** random, 2g, 5-500 Hz
- Safety:** CSA C22.2 No. 1010.1:1992
- EMC:** EN50082-1:1992 and EN55022:1994 Class B
- Size/weight:** 187 mm L x 87 mm W x 32 mm D (7.35 in L x 3.41 in W x 1.25 in D) 330g (12 oz)
- Size/weight, (with holster and FlexStand™):** 201mm L x 98 mm W x 52 mm D (7.93 in L x 3.86 in W x 2.06 in D) 600g (21 oz)
- Power:** 9V battery ANSI/NEDA 1604A or IEC 6LR619V alkaline
- Battery Life:** 4 to 20 hours, typical, depending on functions used
- Warranty:** Three years

### Specifications (18° to 28°C, one year)

Function	Range	Resolution	Accuracy	Notes
Measure/simulate RTD	-200 to 800°C (Pt 100)	0.1°C, 0.1°F	0.33°C, 0.6°F (Pt 100)	Pt; 100 200 500 1000 (385); Pt 100 (392); Pt 100 (392) JIS; Ni 120 (672)
Measure/simulate resistance	15 Ω to 3200 Ω	0.1 Ω	0.1 Ω to 1 Ω	