



## MT990 Process Calibrator

The MT990 is a portable instrument used for calibrating process devices and measuring process signals, as well as general purpose signal injection applications. This meter has four modes to provide the quality and accuracy of a bench top calibrator; these include a precision current source up to 24mA, current measurement of current signal, DC mV source and the power and measurement of a two-wire loop.

The MT990 ensures correct measurements on mass, volume, length, electricity, flow, pressure, heat and thermal energy. Saves you money by reducing waste due to accurate measurements. Enables smooth production processes.



### Features

- Measuring process signals
- General purpose signal injection applications
- Current loop calibrator
- Load output 0 - 24mA
- Calibrator drives loads to 500Ω
- Adjustable - 199.9mV to +199.9mV DCV source
- Powers or measures a two wire current loop
- 4 Functions - current source, current measurement, DC mV source, power and current measurement of two wire loop

Function	Range	Accuracy
DC Voltage	-199.9mV to 199.9mV	$\pm(0.25\%FS + 1d)$
DC Current	0-24mA	$\pm(0.5\%FS + 1d)$
DC Voltage resolution	0.1mV	
DC Current resolution	0.01mA	
Data Hold	Yes	
Back Light	Yes	
Size	150 x 70 x 40mm	
Weight	232g	



2000 Count Backlit  
LCD Display



Voltage & Current  
Calibrations



Adjustment Knob

**MT990**

**Voltage/Current Calibrator**

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