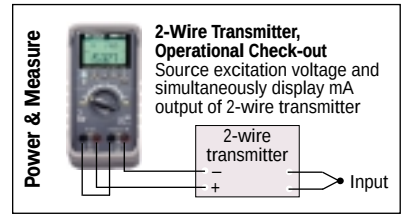
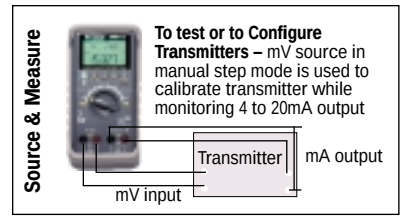
CMM

UNIVERSAL PROCESS MULTIMETER WITH TRUE RMS MEASUREMENT

The CMM Process MultiMeters offer simultaneous source and measurement of current and voltage. They also can measure temperature, frequency, duty cycle, pulse width, and resistance—with up to 0.03% accuracy. They feature true RMS measurement for non-linear voltage and current loads, and are programmable for 16 continuous or timed step outputs, or 999-step ramp. The large dual-display, backlit LCD shows the primary and secondary source and/or measured values and functions selected.







This MultiMeter can source bipolar current (±25mA) and voltage (±1.5V, ±15V), with a constant current output for loads up to 500 ohms. A built-in isolated RS-232 interface, with optional Windows™-based software, provides advanced data acquisition and documentation functions. The CMM Series consists of two models, CMM 13 and CMM 15. The CMM-13 replaces frequency measurement with 600V AC/DC measurement capability.

- **Multifunction**
  Precision DC mA, voltage, and frequency calibrator combined with true RMS Multimeter
- **Dual Channel**
  Simultaneous source and measurement of current and voltage
- **Bright display**
  Dual display backlit LCD for input and output viewing



SPECIFICATIONS

SOURCE (OUTPUT)	RANGES	MAX RESOLUTION	ACCURACY (%OUTPUT + DIGITS)
DC VOLTAGE	±1.5, ±15V	100µV	±(0.03% + 3d)
DC CURRENT	±25mA	1µA	±(0.03% +5d)
MEASURE (INPUT)			ACCURACY (%RDG + DIGITS)
DC VOLTAGE	40mV	1µV	±(0.08% + 5d)
	400mV-40V	10µV	±(0.03% + 3d)
	600V*	10mV	±(0.06% + 3d)
AC VOLTAGE (45-20KHZ)	40mV-600V	1µV	±(0.7% + 5d) @ 50/60Hz
DC CURRENT	40mA-400mA	1µA	±(0.2% + 3d)
AC CURRENT (45-2KHZ)	40mA-400mA	1µA	±(1% + 5d)
RESISTANCE	400-4MΩ	0.01Ω	±(0.2% + 3d)
	40MΩ	1kΩ	±(1% + 5d)
TEMPERATURE	-40°F to1832°F	0.1°F	±(0.3% +6F)
(TYPE K)	-40°C to1000°C	0.1°C	±(0.3% +3F)
FREQUENCY**	100Hz-200kHz	0.001Hz	±(0.2% + 3d)
DUTY CYCLE	0.1-99.9%		±(0.3% per kHz +0.3%) FS
PULSE WIDTH	0.2-1999.9ms		±(0.2% + 3d)

** CMM-13 only*
*** CMM-15 only*

ORDERING INFORMATION

CMM-13	CMM multimeter with 600V AC/DC measurement
CMM-15	CMM multimeter with frequency measurement