

IVC-222HP11 Precision Current/Voltage Calibrator



FEATURES

- Remarkable 0.015% of reading accuracy
- Four ranges; 200mV, 2V, 20V, and 24mA
- Intuitive, easy to use controls
- RS-232 interface - can be computer controlled
- Built-in 24 volt supply can drive 4 to 20mA loops over 1000 ohms
- Rugged, lightweight, hand-held case

DESCRIPTION

IVC-222HP11 Current/Voltage Calibrator

Cal Lab accuracy in a Hand Held Calibrator

The all new IVC-222HP11 is a general purpose current and voltage source that can be used in engineering, manufacturing; test and process control applications. It combines the latest digital and analog circuitry to achieve it's rated specifications in a small, reliable package.

The unit has the capability to store and recall up to two values in the setpoints provided by the SP1 and SP2 keys.

The IVC-222HP11 has a RS-232 port which can be accessed via a custom cable available from Martel allowing the unit to be computer controlled for automated testing.

The unit can be powered in the field by alkaline or rechargeable batteries or on the bench with optional AC adapter.

Applications:

- Test and calibrate analog measuring equipment
- Calibrate process control (4-20mA) devices
- Simulate low level DC voltages to mimic sensor outputs
- Test analog to digital converters

SPECIFICATIONS

	Voltage Output	mA Output
Output Range:	200mV 2V 20V	24mA
Resolution:	0.01mV 0.1mV 1mV	1 μ A
Accuracy 18°C to 28°C:	\pm 0.015% of Reading \pm 2 count	
Temperature Stability:	0 to 18°C 28 to 50°C	\pm 50 ppm/C degrees
Load Capability:	\pm 1mA for rated accuracy	1000 ohms
Capacitive Load:	No limitations	N/A
Output Protection:	Current limited Internal Resettable fuse	
Power:	9V Alkaline battery or optional NiCd	
Case Dimensions:	1.43" x 3.15" x 5.7"	
Weight:	12 oz.	

Specifications subject to change without notice

ORDERING INFORMATION

Model No.	Description	Price/Ea.
IVC222HP11	Current/Voltage Calibrator	551.00
C232SJ	RS-232 Cable	29.95
1002-9V	NiCd Battery	24.20
1001-9V	AC Adapter/charger	22.00



PO Box 897 Windham, NH 03087
1-800-821-0023 1-603-893-0886 FAX 1-603-898-6820
E-mail: sales@martelcorp.com