

Excellent Integrated System Limited

Stocking Distributor

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[Martel Electronics](#)
[IVC222HP11](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



IVC-222HP11 Voltage/Current Calibrator



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

Each Unit Includes: Test leads, carrying case, 9V battery, NIST Certificate, and instruction manual

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.

This unit has the capability to store and recall up to two values in the set-points 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.

General Specifications

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

Range	Min	Max	Accuracy (% of reading ± counts)
mV	0.00	200.00	0.015% ± 2
V	0.0000	2.0000	0.015% ± 2
	0.000	20.000	0.015% ± 2
mA	0.000	24.000	0.015% ± 2



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