

## IVC-222HPII 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-222HPII 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-222HPII 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			
<b>Accuracy</b> 18°C to 28°C:	$\pm 0.015\%$ of Reading $\pm 2$ 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 Resett					
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	Мах	Accuracy (% of reading ± counts)	
mV	0.00	200.00	$0.015\% \pm 2$	
V	0.0000	2.0000	$0.015\% \pm 2$	
	0.000	20.000	$0.015\% \pm 2$	
mA	0.000	24.000	0.015% ± 2	

