

Multifunction Calibrator

Precision Source and Measure

For mA, mV, V, and Hz

Features:

- Source 0 to 22.000mA with 1 μ A resolution
- Measure -4 to 55.000mA (1 μ A resolution)
- Output 0 to 1100.00mV or 0 to 11.0000V
- Measure 0 to 55.000V
- Source Frequency from 1.00Hz to 11.0kHz
- Single/continuous step function for Voltage and Current
- Self-contained 24V loop power supply drives current loads up to 1000 Ω
- Complete with four AAA batteries and test leads



Specifications	Range	Accuracy
Source		
Current	0.000 to 22.000mA	$\pm(0.02\%$ of reading $\pm 0.02\%$ Range)
Voltage	-1.0000V to 11.0000V	$\pm(0.02\%$ of reading $\pm 0.01\%$ Range)
Frequency	1.00Hz to 11.0kHz	± 2 digits
Pulse	1 to 100000 cycles	not specified
Loop Power	24V	$\pm 10\%$
Max. Load	1000 Ω @ 20mA	
Measure		
Current	-4 to 55.000mA	$\pm(0.02\%$ of reading $\pm 0.01\%$ Range)
Voltage	-20.000mV to 55.000V	$\pm(0.02\%$ of reading $\pm 0.01\%$ Range)
Frequency	3Hz to 50.000kHz	± 2 digits
Continuity	<250 Ω	
Dimensions/Weight	8 x 3.7 x 1.7" (205 x 95 x 42mm)/1.1lbs (500g)	

Ordering Information:

PRC50Multifunction Calibrator
PRC50-NIST ..PRC50 with NIST Certificate