

Features:

- Portable, Self-contained
- Battery-powered
- Easy to operate
- Large LCD display
- Three ranges
- Analog output

Applications:

- Wherever sensitive low current measurement is required.

Benefits:

- Low cost
- Simple operation
- Minimal training required

General information:

The Model 285 NanoAmmeter by Monroe Electronics, Inc. is a precision, portable nanoammeter to be used where low current measurements are required without to expense of a traditional electrometer.

Operation:

Connect the input to the center pin of the Input BNC. Connect the return to the Input BNC outer ring.

Turn the instrument on, select range, take readings.

Note: Current source must have a minimum voltage compliance of 1.0 volts.

Zero Instrument:

Adjust zero pot located in the access hole to the left of the range switch with instrument input open circuit in the 2.000 nA range.



Specifications:

Display:	½"x3½" digit LCD	
Ranges:	Range:	Resolution:
	± 2.000 nA	0.001 nA
	± 20.00 nA	0.01nA
	± 200.0 nA	0.1 nA
Accuracy:	2.0%	
Input Impedance:	10 k ohm	
Input:	BNC Connector	
Output:	± 2.0V full scale for each range BNC Connector	
Offset:	less than 1.0 mV	
Battery:	9 volt Eveready #216 or equivalent NEDA #1604. Battery life over 400 hours.	
Dimensions:	6"x3½"x2⅛" (15 cm x 9 cm x 5.5 cm)	
Weight:	8½ oz. (0.24kg) with battery	



Calibration:

Monroe Electronics instruments are factory-calibrated prior to shipment. Recalibration should be performed annually, or more frequently if specified by contract or company policy. Your instrument should also be recalibrated any time it has been repaired or tampered with. We are happy to recalibrate your instrument for you at a reasonable cost, or provide information and procedures on calibration upon request.

Warranty:

Monroe Electronics, Inc., warrants that each instrument and sub-assembly manufactured by them shall be free from defects in material and workmanship for a period of two years after shipment from the factory. This warranty is applicable to the original purchaser only.

The finest Electrostatic instrumentation and support:

For more than 40 years - ever since we invented the feedback--nulled electrostatic voltmeter, Monroe has been the technology and quality leader in electrostatic detection and measurement instrumentation. Today we offer the world's most complete array of fieldmeters, voltmeters, and resistivity meters. Our customers include the leading makers of photocopiers and laser printers, converters and microelectronics worldwide.

We know you need quality support as well as quality products. We pride ourselves on providing our customers with the most knowledgeable applications and installation support — as well as superior customer service.

