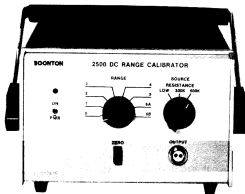


BOONTON CALIBRATOR

DC Range Calibrator

Model 2500

- Accurate, convenient, and self contained.
- Designed for calibrating the Model 4200 and 9200 series instruments.



Description

The Model 2500 is a precise, highly stable DC range calibrator that provides the voltage levels and source resistances that are necessary to calibrate the Model 4200 and 9200 series instruments.

Specifications

Ranges and Outputs:	
Range	Output Voltage
0	9 μ V
1	90 μ V
2	900 μ V
3	9 mV
4	90 mV
5	900 mV
6A	1.8 V
6B	4.5 V

Accuracy: $\pm 0.15\%$, all ranges.

Source Resistance:

Low	900 Ω to 1800 Ω .
300 k Ω	300k Ω $\pm 2\%$.
500 k Ω	500k Ω $\pm 2\%$.

Temperature Influence:

Operating:	21° to 25°C.
Non-operating:	-20° to 75°C.

Power Consumption: 7 VA; 100, 120, 220, 240 V $\pm 10\%$, 50 to 400 Hz.

Dimensions: 5.2 in (13.2 cm) high, 8.3 in (21.1 cm) wide, and 11.5 in (29.2 cm) deep.

Weight: 5.9 lbs (2.7 kg).

BOONTON

2500 DC RANGE CALIBRATOR

ON
PWR

RANGE

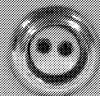
3 4
2 5
1 6A
0 6B

SOURCE
RESISTANCE

LOW 300K 500K

ZERO

OUTPUT



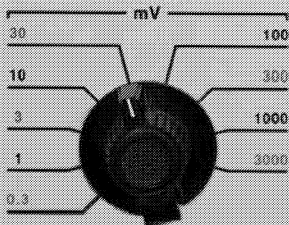
Boonton 26A RF Millivoltmeter Calibrator

The Boonton 26A calibrator contains a 1MHz 50 Ω source as well as an additional internal 50 ohm termination.

Therefore the output of the 26A should not be terminated externally when calibrating a high impedance RF probe. On the other hand it becomes necessary to open the 26A and remove the internal 50 ohm termination if calibrating an RF probe which contains it's own 50 ohm termination.

BOONTON MODEL 26A RF MILLIVOLTMETER CALIBRATOR

FULL SCALE



ON



OFF

OUTPUT

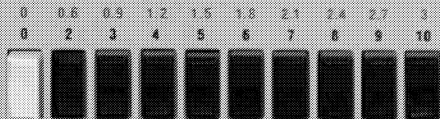
1MHz



25 Ω

DO NOT
TERMINATE

SCALE READING



Boonton 9200/A/B

Aproximate gain in Cal 1 mode:

Range 0 = x0.00005

Range 1 = x0.0005

Range 2 = x0.005

Range 3 = x0.05