



Model 3660
LABPOT™ Laboratory Potentiometer
1¼" DIA. 10-Turn in 4⅝" x 3½" Base
Wirewound Element

OBSOLETE 1981

A new precision laboratory potentiometer for rapid setting of precise voltages — or, reading of the required voltages to achieve null in a bridge circuit application. Similarly, it may be used for the introduction of known resistance values into a circuit.

FEATURES

- High readability through use of a 10-turn clock face dial.
- Exceptional setting accuracy and repeatability.
- Large five-way binding posts permitting easy hook-up of any kind of leads.
- Rugged case of high temperature, heavy duty plastic.
- Weighted baseplate with cork covering keeps instrument permanently in place when in use.
- Fused wiper circuit for potentiometer protection.
- Extra fuse provided in the case for additional convenience.



STANDARD RESISTANCES

Resistance (Ω)	Part Numbers*	Maximum Resolution (%)
100	3660B-1-101	.047
1,000	3660B-1-102	.022
10,000	3660B-1-103	.010
100,000	3660B-1-104	.008

*The last three digits of the part number represent the resistance in standard code.

Model 3660 LABPOT™ Precision Potentiometer

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Standard Resistance 100Ω, 1K, 10K, and 100K (other resistances optional)

Resistance Tolerance ±1%

Absolute Minimum Resistance: (for lower values fuse must be bypassed)

100Ω 5Ω maximum

1K 7Ω maximum

10K 62Ω maximum

100K 820Ω maximum

Dial Accuracy (correlation of dial reading to output:

100Ω20% voltage ratio

1K15% voltage ratio

10K10% voltage ratio

100K10% voltage ratio

Repeatability of Dial Reading ±.05% voltage ratio

ENVIRONMENTAL CHARACTERISTICS

Operating Temperature Range -65°C to +85°C

Power Rating 2.5 watt at room temperature

Mechanical Life 200,000 dial revolutions

PHYSICAL CHARACTERISTICS

Marking Manufacturer's name, part number, wiring diagram, resistance value, tolerance, accuracy, maximum power, fuse

Weight Approximately 14 ounces

Dimensional Tolerance ±.03"

3660

