



Model 3665
LABPOT™ Potentiometer
Self-Contained, 10-Turn, Digital Readout
Precision Potentiometer for
Laboratory Use

OBsolete 1981

A new precision laboratory potentiometer for rapid setting and measurement of precise voltages. Similarly, it may be used for the introduction or measurement of resistance.

FEATURES

- Guaranteed readout to potentiometer accuracy.
- Excellent readability through use of a 3 place digital read out.
- Exceptional setting accuracy and repeatability.
- Large five-way binding posts permit easy hook-up of any kind of leads.
- Rugged base of high impact 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 (ohms)	Part Numbers*	Resolution (%)
100	3665B-1-101	.042
1,000	3665B-1-102	.021
10,000	3665B-1-103	.014
100,000	3665B-1-104	.007

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

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SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Standard Resistances	100 ohms, 1K, 10K, and 100K (other resistances optional)
Resistance Tolerance	±1%
Readout Accuracy (correlation of digital readout to voltage output)	
100 ohms	±.20% maximum
1000 ohms	±.15% maximum
10,000 ohms - 100,000 ohms	±.10% maximum
Repeatability of Dial Reading	±.05% maximum
Absolute Minimum Resistance:	
100 ohms	5 ohms maximum
1K	8 ohms maximum
10K	62 ohms maximum
100K	820 ohms maximum
Power Rating	2.5 watts at 25°C

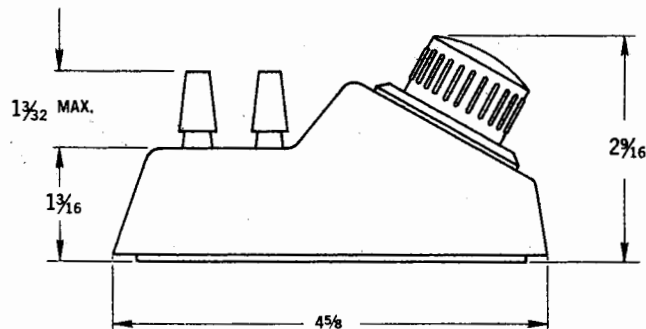
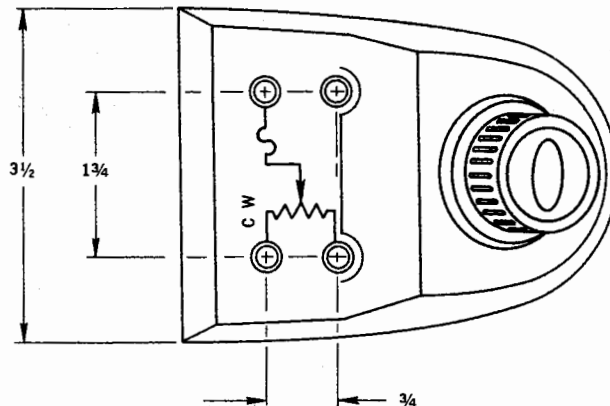
ENVIRONMENTAL CHARACTERISTICS

Operating Temperature Range	- 25 to +85°C
Temperature Coefficient of resistance wire	20 ppm/°C maximum

PHYSICAL CHARACTERISTICS

Numerals:	
Style	Gothic Face
Color	Silver on Black
Rotational Life	200,000 revolutions
Stop Strength	48 oz.-in. minimum
Terminals:	Five-way binding posts
Marking	Manufacturer's name and part number, Resistance value and tolerance, accuracy, power and fuse rating, date code.
Weight	Approximately 14 ounces

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TOLERANCES: ± 1/32



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