

372

Simpson

INSTRUMENTS THAT STAY ACCURATE

WARRANTY

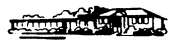
SIMPSON ELECTRIC COMPANY warrants each instrument and other articles of equipment manufactured by it to be free from defects in material and workmanship under normal use and service, its obligation under this warranty being limited to making good at its factory any instrument or other article of equipment which shall within 90 days after delivery of such instrument or other article of equipment to the original purchaser be returned intact to it, or to one of its authorized service stations, with transportation charges prepaid, and which its examination shall disclose to its satisfaction to have been thus defective; this warranty being expressly in lieu of all other warranties expressed or implied and of all other obligations or liabilities on its part, and SIMPSON ELECTRIC COMPANY neither assumes nor authorizes any other persons to assume for it any other liability in connection with the sale of its products.

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Simpson **ELECTRIC COMPANY**

5200 Kinzie St., Chicago 44, Illinois • Phone: EStebrook 9-1121

In Canada: Bach-Simpson, Ltd., London, Ontario



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OPERATOR'S MANUAL

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SIMPSON OHMMETER MODEL 372

OPERATING INSTRUCTIONS

The Simpson Ohmmeter Model 372 is a six range unit. With it, resistance checks can be made of values from 0.2 ohms to 4 megohms, with an accuracy of about 3%. Higher and lower values may be checked with reduced accuracy.

The operation of the Simpson Ohmmeter Model 372 is accomplished as follows:

1. Set the range switch.

For the greatest accuracy, the range switch should be set so that when a resistance is checked, the pointer will be in the upper 2/3 of the scale. For example:

0 - 20 ohms	RX1
21 - 200 ohms	RX10
201 - 2000 ohms	RX100
2001 - 20,000 ohms	RX1000
20,001 - 200,000 ohms	RX10,000
200,001 - Infinity ohms	RX100,000

2. Adjust Zero.

A. Short the test leads together.

B. Adjust meter to "0" ohms by use of "Zero Ohms" knob on panel.

(When meter can no longer be adjusted to zero on the RX1, 10, 100 or 1000 ranges, the 1-½ volt dry cell should be replaced. When the RX10,000 or 100,000 are low, the (2) 30 volt batteries should be replaced.)

3. Check Resistance.

The Model 372 is ruggedly constructed and will give excellent service if a few precautions are observed as follows:

1. Avoid rough handling of meter or test leads.
2. When checking the resistance in a circuit, be sure all voltage has been removed. A small voltage will cause errors in readings; a large one will damage the meter.
3. When checking the leakage of a capacitor, be sure to completely discharge it before making a check.