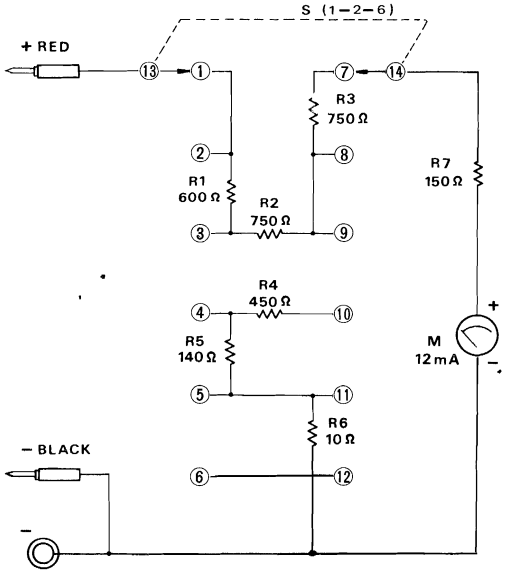
SCHEMATIC DIAGRAM



RADIO SHACK, A DIVISION OF TANDY CORPORATION

U.S.A.: FORT WORTH, TEXAS 76102
CANADA: BARRIE, ONTARIO L4M 4W5

TANDY CORPORATION

AUSTRALIA	BELGIUM	U K
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Printed in Korea

MICRONTA®

BATTERY TESTER

INSTRUCTION MANUAL

CAT. NO. 22-030A

CUSTOM MANUFACTURED FOR

RADIO SHACK, A DIVISION OF TANDY CORPORATION

This sensitive, accurate tester checks batteries under designed load conditions. This insures a true condition measurement of the battery. It can be used for testing regular, Ni-Cad, Silver oxide (button-type) and mercury type batteries.

SPECIFICATIONS

RANGES: 6
1.5 (10ma, 160ma), 6, 9, 15 and 22.5 volts

LOAD CURRENT DRAIN:

1.5 volts	10 ma
1.5 volts	160 ma
6 volts	50 ma
9 volts	10 ma
15 volts	10 ma
22.5 volts	10 ma

VOLTAGE MEASUREMENT FOR REPLACE/GOOD LINE

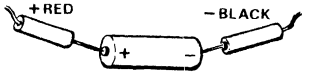
1.5 volt range	1.10, ±0.09 volts
6 volt range	4.40, ±0.36 volts
9 volt range	6.60, ±0.54 volts
15 volt range	11.0, ±0.90 volts
22.5 volt range	16.5, ±1.35 volts

This represents the actual voltage represented by a meter reading right at the Replace/Good line on the MERCURY.BUTTON battery meter scale.

NOTE: You can use this tester to check the condition of Ni-Cad batteries. Using the lower scale, if the reading fails into the 'Replace' scale, the battery should be recharged. Fully charged Ni-Cad batteries will read about in the center of the 'Good' range. (when fully charged, Ni-Cad batteries are designed to provide 1.25Volts, instead of the standard cell's 1.5 Volts.)

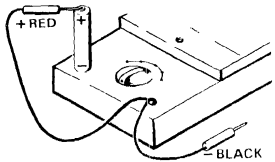
USING THE BATTERY TESTER

1. Set the Range switch to the appropriate position.
2. Touch the Red probe tip to the + battery terminal and the Black probe tip to the – terminal.



CAUTION: Always be sure you identify the battery polarity correctly before testing the battery.

3. Read the scale to determine the battery condition. Use the upper scale for regular batteries; use the lower scale for mercury, silver oxide or Ni-Cad batteries.
   If the reading is in the red 'Replace' zone, the battery should be replaced. If in the green 'Good' zone, the battery has considerable life. If the reading is in the yellow '?' zone (for regular batteries), you should consider making a replacement, since very little power is left.
4. For convenience in checking batteries, you can position the – side of the battery against the – screw head and touch the red probe to the + terminal.



5. When you check the button type batteries (silver oxide or mercury type), set the range to 1.5V—BUTTON TYPE 10mA position.