

Your 9-Range Analog Battery Tester is a sensitive, accurate tester for checking your batteries' capacity. You can test standard carbon-zinc, alkaline, mercury, silver oxide, lithium, nickel-cadmium and nickel metal-hydrate batteries.

**Note:** Your tester is designed to check almost all electronic and flashlight batteries. It is not designed to test 6- and 12-volt lantern, motorcycle, or marine batteries.

### SETTING UP THE STAND

You can use the stand on the tester's back to set the tester at an angle for easier reading.

1. Insert a coin into the indentation in the bottom of the tester's back, then lift the stand away from the tester.
2. Set the tester on a flat surface.

### REMOVING THE TEST LEADS

The test leads are coiled inside the cabinet on the back of the tester, covered by the stand.

1. Carefully pull the test leads out.
2. Thread the leads through the small slot at the bottom right of the tester back.
3. When you are finished with the leads, coil them back into the cabinet and snap the stand into place.

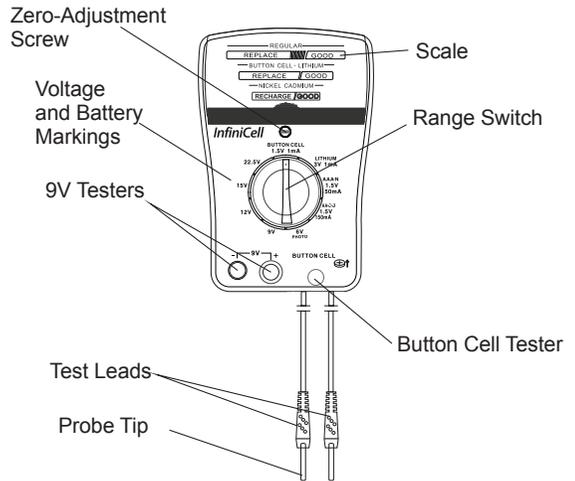
### SWITCH SETTINGS

Use this chart to determine which switch setting you need.

Battery Type	Switch Setting	Test Load
Mercury, silver-oxide or alkaline button cell	1.5V BUTTON CELL	1 mA
Lithium button cell	3V LITHIUM	1 mA
1.5V AAA/N Alkaline or Rechargeable Batteries	1.5V AAA.N	50mA
1.5V AA/C/D Alkaline or Rechargeable Batteries	1.5V AA.C.D	150mA
6V	6V PHOTO	10 mA
9V	9V	10 mA
12V	12V	10 mA
15V	15V	10 mA
22.5V	22.5V	10 mA

### USING THE BATTERY TESTER

1. Turn the range switch to the marked voltage and type of battery you want to check. Refer to the chart under "Switch Settings" for the test load placed on the battery during testing.



### Cautions:

- If you position the switch improperly, you cannot obtain an accurate battery check. In addition, you might damage the tester.
  - Always properly identify battery polarity (+ and -) before testing.
2. To check most types of batteries, touch the red probe tip to the positive (+) battery terminal and the black probe tip to the negative (-) battery terminal. To check a 9V rectangular battery, position the battery terminals so they make contact with the 9V positive (+) and negative (-) posts on the face of the battery tester. To check a button cell battery, insert the battery into the button battery tester with the positive (+) terminal of the battery facing up. **Caution:** Do not let the red probe tip contact the black probe or negative post when you use the button cell battery terminals.
  3. Read the scale to determine the battery's condition. Use the upper (**REGULAR**) scale for measuring regular carbon-zinc and alkaline batteries. Use the center (**BUTTON CELL-LITHIUM**) scale for measuring mercury, silver oxide, alkaline, and lithium button cell batteries. Use the lower (**Ni-Cd/Ni-MH**) scale for measuring rechargeable batteries.
  4. If the reading is in the red **REPLACE** or **RECHARGE** zones, replace or recharge the battery. If the reading is in the green **GOOD** zone, the battery has considerable capacity left.

If the reading is on the three red lines in the **REGULAR** scale, the battery's strength is marginal. Consider replacing or recharging the battery.

**Note:** When a fresh alkaline AAA, AA or 9V battery is tested, the scale's needle moves a little more to the right than when a fully charged AAA, AA or 9V rechargeable battery is tested.

## ADJUSTMENT

When no battery is tested, if the needle fails to align with the black dot in the upper left corner, you must adjust the zero position of the needle.

Insert a flat-blade screwdriver in the zero-adjustment screw, then slowly rotate the screw until the needle aligns with the black dot at the left end of the top scale.

## CARE

Keep the tester dry; if it gets wet, wipe it dry immediately. Use and store the tester only in normal temperature environments. Handle the tester carefully; do not drop it. Keep the tester away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the tester's internal components can cause a malfunction and might invalidate its warranty. If your tester is not performing as it should, take it to your local electronics store for assistance.



## LIMITED WARRANTY

### THE SOURCE WARRANTY

The Source warrants that this product will be free from defects in materials and workmanship for a period of ninety (90) days from the date of purchase. Within this period, simply take the product and your proof of purchase to any The Source store or dealer and the product will be repaired without charge for parts and labour. The Source reserves the right to charge for transportation. Any product which has been subject to misuse or accidental damage is excluded from this warranty. This warranty is only applicable to a product purchased through The Source company owned stores and dealers and to a product that is presented for repair in a country where The Source offers the product for sale. While this warranty does not confer any legal rights other than those set out above, you may have additional statutory rights which will vary under the laws of the various countries, states, province and other governmental entities in which The Source operates. This warranty is subject to all statutory rights you may have in the country of purchase.



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Barrie, Ontario, Canada, L4M 4W5

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Please Recycle

## Limited Warranty

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