



## Team 1 R/C Racing Products, L.L.C.

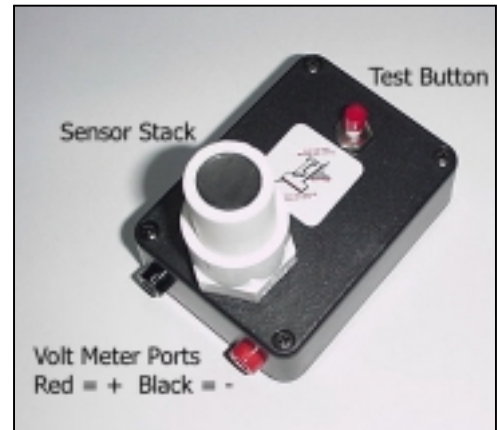
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### Team 1 R/C Magnet Motor Meter (use with digital voltmeter) INSTRUCTIONS

#### Meter Operation

1. Set your digital voltmeter to “volts-DC”.
2. Insert the positive lead from the digital voltmeter into the red voltmeter port on the **R/C Magnet Motor Meter**.
3. Repeat process for negative (black) lead from the digital voltmeter.
4. Turn on the digital voltmeter.
5. Place your electric motor can over the sensor tube on the **R/C Magnet Motor Meter**. Make sure the screw holes of the on the motor can are positioned parallel to the top and bottom of the meter case.
6. Align the positive side of the motor can with the red voltmeter port. *This process can be repeated to verify can polarity during motor rebuilding and to insure that you have not zapped your can backwards.*
7. Push down and hold (no more than 4 seconds) the on/off button on the meter, while taking note of the three-digit number (example 5.28) on the digital voltmeter. This means the motor can is aligned correctly with the positive (+) side of the meter. IF YOU register a reading of with a FOUR-DIGIT number (example 1.615) on the digital meter, release the button and rotate the can 180 degrees. Repeat process.
8. After receiving a proper three-digit reading, mark the positive side of the can.
9. Align the positive side of the can to the positive (+) side of the can zapper.
10. Zap the can as instructed by the zapper manufacturer.
11. Recheck reading after zapping. Readings should be higher after zapping.



#### Battery Changing

Your **R/C Magnet Motor Meter** is equipped with a disposable 9-volt battery (please dispose of properly...). The meter is designed to provide the maximum use of the battery for several hundred readings. If you start to obtain varying readings, it may be time to replace the battery. Simply remove the four screws from the meter's case, unplug and replace the 9-volt battery, and reassemble. Please do not over tightened the screws as this may crack the meter's case.

#### **Note:**

- ❑ **R/C Magnet Motor Meter** will provide a reference point to judge the strength of your motor can.