



## Multi-Meter Operating Instructions

Warmup installation instructions recommend that all heaters be tested for proper resistance **BEFORE** installing tile or any type of floor leveler over heater.

To test resistance of heater follow these instructions.

1. Ensure thermostat and heater is disconnected from power source BEFORE proceeding.
2. Turn the range selector on the meter to the 200  $\Omega$  position.
3. Plug the red test lead into the V $\Omega$ mA (center) jack.
4. Plug the black test lead into the Com (bottom) jack.
5. Push the "Off / On" switch on multimeter to the "On" position.
6. Short the test leads together, the meter should read 0 ohms.
7. Touch the Red probe lead to the white wire from the floor heater.
8. Touch the Black probe lead to the black wire from the floor heater.
9. Read measurement on display.
10. Compare the reading on the meter with the corresponding model on the resistance chart on page 6 of the Loose Wire installation manual or page 8 of the Mat installation manual, reading on the meter should be within 15% of posted reading on the chart.
11. If resistance reading is OK, proceed to next step of installation.
12. If resistance reading is more than 15% of the posted reading on the chart, then call Warmup's technical support line before proceeding.