INTRODUCTION
The Amprobe multimeter includes model TM-2 consists of the following: module and probes. The TM-2 allows the user to select 5000 counts with a microprocessor-controlled LED display. The module is mounted on the front panel of the instrument. The module has two probes, one red and one black. The red probe has a temperature difference of 0°F to 230°F at 0°F and 1°F at 230°F. The black probe has a temperature difference of 0°F to 100°F at 0°F and 1°F at 100°F.

MODULE SPECIFICATIONS

Model: Temperature Module TM-1 Module
- Case: Black rubberized
- Temperature: 0°F to 230°F
- Resolution: ±1°F
- Battery Life: 200 hours
- Temperature Range:
  - 0°F to 230°F
  - 0°C to 120°C
- Battery Type: 9V battery
- Sensor: 2.5 ft (0.76 m)
- Power Supply: 9V battery
- Probe: Dual probe
- Display: 3 1/2 digit
- Dimensions: 3.5 x 1.5 x 0.75
- Weight: 0.5 lb (0.23 kg)

PROBE SPECIFICATIONS

Temperature Measuring Range:
- 0°F to 230°F (Probe Module TM-1)
- 0°C to 120°C (Probe Module TM-2)
- Battery Life: 200 hours

OPERATION

1. Connect the battery by pushing the battery tab into the battery compartment.
2. Place the battery into the compartment and replace cover.
3. Use the probes to connect the desired measurement.
4. Use the digital multimeter to measure the desired temperature range.
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9. Use the digital multimeter to measure the desired temperature range.
10. Use the digital multimeter to measure the desired temperature range.

Accuracy:
- ±2°F from 0°F to 230°F, ±1°F at all other points
- ±1°C from -20°C to 120°C, ±1°C at all other points
- ±2°F from 0°F to 230°F
- ±1°C from -20°C to 120°C
- ±2°F from 0°F to 230°F
- ±2°F from 0°F to 100°F
- ±1°C from -20°C to 120°C
- ±1°C from -20°C to 120°C

Do not use the probe above 120°F (50°C).

Gauge Length: 1.5
- Maximum Temperature: 230°F (120°C)
9. Digital multimeter should be including a red and a blue probe. Insert the probes into the terminals on the housing of the multimeter.

10. If a second probe is available, insert it into the other terminal on the housing. Move the probes to the desired position. Move the probes in a clockwise direction. Move the probes to the desired position. Move the probes in a counterclockwise direction.

11. The multimeter should be in the standby mode. Move the probes to the desired position. Move the probes in a clockwise direction. Move the probes to the desired position. Move the probes in a counterclockwise direction.

12. Move the probes to the desired position. Move the probes in a clockwise direction. Move the probes to the desired position. Move the probes in a counterclockwise direction.

13. Move the probes to the desired position. Move the probes in a clockwise direction. Move the probes to the desired position. Move the probes in a counterclockwise direction.

NOTE

Reading Accuracy: Resolution is determined by the number of digits displayed on the multimeter and the DC voltage. Example: 3½ digit read, 20mA range, 1% resolution wind 20.1; 100x turn = 20.01; 100x turn = 20.10; 100x turn = 20.00. The resolution wind be set to the nearest and resolution wind be set to the nearest and resolution wind be set to the nearest. The DC voltage range of 1% turn = 20.00.