Model, TM 100

Digital Thermometer

Thank you for your purchasing an HM Digital professional thermometer. This reliable, precision instrument is ideal for food and beverage preparation as well as various industrial applications. Before you use your new instrument, please read this operator’s manual completely.

Applications
- All hot and cold fluids
- Aquariums
- Kitchens and bakeries
- Hydroponics and aquaculture
- Freezers / Coolers and heating systems
- Motors, generators and ventilation systems
- Academic, Scientific and medical laboratories

Specifications
- Range: -58 to 482°F (-50 to 250 °C)
- °C / °F swatchable with 0.1 °C or °F resolution
- Durable 2-1/2” stainless steel probe with 20” cable
- Complete with wallet style case
- Accuracy: ±1°C (-10 to 100 °C) (14 to 212 °F)
  ±2°C (100 to 200 °C) (212 to 392 °F)
  ±3°C (-50 to -10 °C) (-58 to 14 °F)
  ±5°C (200 to 250 °C) (392 to 482 °F)
- Dimension: 54(W) x 108(H) x 12(D)mm (2-1/8” x 4-1/4” x 1/2”)
- Weight: 3.9 oz (110g)
- Power: Two 1.5V button cell battery (included)
- Display: 3-3/4 digit liquid crystal display with decimal point

How to use
1. Set the desired temperature scale with the “°F”/“°C” switch on.
2. For food use, sterilize probe with an appropriate solution.
3. Insert probe into the fluid you are measuring.
   - The maximum temperature for the probe cable is 482°F (250 °C)

Diagram

Replacement of Battery
1. When the batteries become exhausted or drop below the operating voltage, the (+ -) mark is displayed.
2. Turn the function switch OFF and remove the test leads from all test circuits, prior to installing fresh batteries.
3. Remove the batteries by using the tip of RED test probe.

4. Insert the two LR-44 or SR-44 into the battery case making sure that proper polarity is observed.

Caution: Never use the BLACK test probe to avoid the short-circuit

One Year Limited Warranty
This Product is warranted to the purchaser against in material and workmanship for One (1) year from the date of purchase.

What is covered: Repair parts and labor, or replacement at the company’s option. Transportation charges to the purchaser.

What is not covered: Transportation charges to the company. Damages from abuse or improper maintenance, see operating instructions. Any other expense consequential damages, incidental damages, or incidental expenses, including damages to property. Some states do not allow the exclusive or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

How to obtain warranty performance: Attach to the product your name, address, description of problem, phone number, and proof of date of purchase, package and return to: HM DIGITAL, Inc.
5819 Uplander Way
Los Angeles, CA 90230

Implicated Warranties: Any implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to one year from the date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

To the extent any provision of this warranty is prohibited by federal and state law and cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Return of items: When making requests for repair service, please bring the instrument directly to the dealer, if this is not possible send the instrument directly to our sales office. When mailing this instrument, always pack it in its original or equivalent packing material and pack together with name. Address, telephone number and the warranty documentation.

- To ensure speedy and reliable repair, always include information as to the type of failure and cause.
- If required, always return accessories with the instrument.
- When contacting us, provide the model number of your instrument.

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