



# DUAL SCALE Digital Thermometer

## WITH BEEPER AND MEMORY

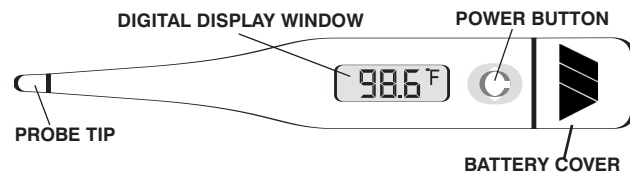
Thank you for purchasing a MABIS Digital Thermometer. Please read the following instructions to achieve the most accurate temperatures and safe operation. With proper care and use, your thermometer will provide you with years of reliable readings.

**NOTE:** F - indicates Fahrenheit mode  
C - indicates Celsius mode

### What is a "Normal" Temperature?

Although the generally accepted "normal" temperature reading is 98.6°F/37.0°C, temperature readings can vary from 97.0°F/36.1°C to 99.0°F/37.2°C and still may be considered "normal". Variations in temperature can be attributed to activities such as exercise, smoking, eating and drinking. Even time of day may influence your temperature. For example, your temperature is lower in the morning than in the afternoon. Other variations may be due to the location of the temperature reading. While the oral temperature follows the guidelines previously described, a rectal temperature is generally 1.0°F/0.5°C higher. Conversely, an axillary (under the arm) temperature will be 1.0°F/0.5°C lower.

### Features of Your MABIS Digital Thermometer



### Cleaning Instructions

Before and after each use, clean the thermometer with a soft cloth and isopropyl alcohol diluted with water, or wash with COLD soapy water. An intact unit can be submersed in water or alcohol. However, do not soak for an extended period of time.

1. This unit must never be sterilized by boiling, gas or steam autoclaves.
2. The use of any other solution or cleaning method beyond the above mentioned may result in reliability problems with the thermometer and void your warranty.

### Operating Your Digital Thermometer

#### Switching Dual Scale

**NOTE:** To change between Celsius and Fahrenheit readings, hold the POWER button for 2 seconds until the "Lo" with an "m" displays and changes between °F and °C. Press the POWER button again to turn the thermometer off.



Once the desired temperature is selected, press the POWER button to activate the thermometer. The thermometer will beep and the digital display will show the following.



The last measured temperature with an "m" will appear. If there is no previous measurement, "Lo" °F(°C) will be displayed.

98.6°F(37.0°C) will briefly appear.



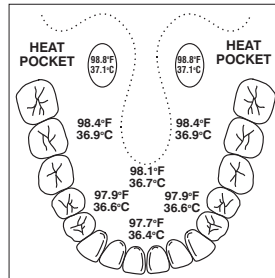
Finally, a "Lo" with a flashing °F(°C) will appear in the display to indicate that the thermometer is ready for measurement.



**NOTE:** If the room temperature is above 89.6°F(32.0°C), the room temperature will display instead of the "Lo".

### Taking an Oral Temperature

Using the diagram on the right, place the thermometer tip under the tongue as near as possible to the heat pocket. The diagram also shows the temperature variables by not placing the tip in the heat pocket area. The temperature reading should take approximately sixty seconds. The °F(°C) will continue to flash during the reading of the temperature. When the peak temperature has been reached, the °F(°C) will stop flashing and the thermometer will sound ten long beeps if the temperature is below 100°F(37.8°C). If the temperature is above 100°F(37.8°C) the unit will sound ten sets of three short beeps each. To turn the unit off, press the POWER button. The unit will automatically power down after approximately nine minutes.



**NOTE:** Drinking hot or cold fluids, exercising, smoking or performing other activities may raise or lower your temperature. Therefore, it is important to relax for approximately 5 minutes with your mouth closed prior to taking a reading.

### Taking an Axillary Temperature (under the arm)

The thermometer tip should be placed under the arm so the tip is touching the skin. Hold the thermometer parallel to the body and position the arm on the chest so the probe tip is well covered by the arm. This insures the thermometer tip is not affected by the room air. The temperature reading should take approximately sixty seconds. The °F(°C) will continue to flash during the reading of the temperature. When the peak temperature has been reached, the °F(°C) will stop flashing and the thermometer will sound ten long beeps if the temperature is below 100°F(37.8°C). If the temperature is above 100°F(37.8°C) the unit will sound ten sets of three short beeps each. To turn the unit off, press the POWER button. The unit will automatically power down after approximately nine minutes.

**REMEMBER:** Axillary temperatures are generally 1.0°F(0.5°C) lower than oral readings.

### Taking a Rectal Temperature

**NOTE:** Rectal temperatures are an appropriate and reliable method for infants and small children. Otherwise, this method should only be used when it is impossible or impractical to take an oral or axillary temperature.

THE THERMOMETER TIP SHOULD BE INSERTED A MAXIMUM OF 1/2" INTO THE RECTUM. The temperature reading should take approximately sixty seconds. The °F(°C) will continue to flash during the reading of the temperature. When the peak temperature has been reached, the °F(°C) will stop flashing and the thermometer will sound ten long beeps if the temperature is below 100°F(37.8°C). If the temperature is above 100°F(37.8°C) the unit will sound ten sets of three short beeps each. To turn the unit off, press the POWER button. The unit will automatically power down after approximately nine minutes.

**REMEMBER:** Rectal temperatures are generally 1.0°F(0.5°C) higher than oral readings.

### General Care

1. The thermometer should only be used under the supervision of an adult.
2. Do not walk, run or talk during temperature taking.
3. Clean the thermometer before and after each use.
4. Store the unit in the protective case when not in use.
5. Do not bite the probe tip.
6. Do not store the unit where it will be exposed to direct sunlight, dust or humidity. Avoid extreme temperatures.
7. Dropping or subjecting your thermometer to strong shocks should be avoided.
8. Do not attempt to disassemble the unit, except to replace the battery.
9. If ERR displays and measurement not attainable, the unit must be replaced.

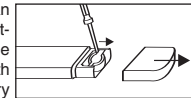
**NOTE:** Performance of the device may be degraded if: operated outside of stated temperature and humidity range; stored outside of stated temperature and humidity range; thermometer undergoes mechanical shock (drop); patient temperature is below ambient temperature.

### Using Disposable Probe Covers

It is recommended to use disposable probe covers to prevent cross contamination. Additional probe covers can be purchased from your MABIS Dealer or with the order form provided.

### Changing the Battery

The battery in your digital thermometer needs to be replaced when " " appears in the lower right of the display. Replace the battery with an LR41 alkaline or SR41 silver oxide type. To replace the battery, slide the battery cap away from the unit. Remove the battery using a non-metal tool. Insert the new battery with the positive (+) side facing up. Carefully slide the battery cap back into place.



**NOTE:** Please properly dispose the battery away from small children and heat.

### SPECIFICATIONS

DISPLAY:	LIQUID CRYSTAL DISPLAY
DISPLAY RESOLUTION:	4 DIGITS (1/10 OF A DEGREE INCREMENTS)
MEASUREMENT RANGE:	89.6°F(32.0°C) to 109.4°F(43.0°C)
ACCURACY:	±0.2°F, 98.0°F–102.0°F (±0.1°C, 37.0°C–39.0°C) ±0.3°F, 96.4°F–98.0°F (±0.2°C, 35.8°C–37.0°C) ±0.3°F, 102.0°F–106.0°F (±0.2°C, 39.0°C–41.0°C)
BATTERY:	ONE 1.5V BUTTON SIZE BATTERY LR41 OR EQUIVALENT
BATTERY LIFE:	APPROXIMATELY 24 MONTHS
AUTOMATIC SHUT-OFF:	AFTER APPROXIMATELY NINE MINUTES
OPERATING TEMPERATURE:	50.0°F(10°C) – 104.0°F(40°C)
STORAGE TEMPERATURE:	14.0°F(-10°C) – 140.0°F(60°C)
DIMENSIONS:	5-1/8" X 3/4" X 3/8"
WEIGHT:	0.38 OUNCES

Specifications are subject to change without notice.

MODEL 713

### LIMITED ONE-YEAR WARRANTY

MABIS Healthcare ("MABIS") guarantees that its MABIS Digital Thermometer will be free from manufacturing defects under normal use for a period of one year from the date of purchase subject to the following terms and conditions.

This warranty covers only normal use, and does not apply to use in any clinical or commercial applications. This warranty does not cover batteries or other power sources that may be provided with or used with the MABIS Digital Thermometer. This warranty is voided if the MABIS Digital Thermometer product is misused or abused in any manner.

If the MABIS Digital Thermometer fails to operate during the duration of the warranty, return it postage prepaid to: MABIS Healthcare, Attn: Repair Department, 1931 Norman Drive South, Waukegan, IL 60085. MABIS will repair or replace the defective unit at the option of MABIS Healthcare. Repair or replacement of the defective unit, at MABIS' option, is the sole remedy under this warranty.

ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE ARE LIMITED IN DURATION TO THE TIME THAT THE ORIGINAL CONSUMER PURCHASER OWNS THE PRODUCT. Some states do not allow limitations or how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty constitutes MABIS' only responsibility and obligation to repair and/or replace materials or components, or refund the purchase price. **MABIS will not be responsible for any indirect, incidental, special, consequential, or punitive damages or other loss**, including, but not limited to, damage to or loss of other property or equipment and personal injuries, whether to purchaser or others. MABIS shall in no event be liable to the purchaser for any amount in excess of the cost of repair and/or replacement of the unit, or the purchase price of the unit. 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.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

CUT OUT AND MAIL TO:  
**MABIS HEALTHCARE**  
1931 NORMAN DRIVE SOUTH  
WAUKEGAN, IL 60085 USA

### THERMOMETER WARRANTY REGISTRATION

(MUST BE COMPLETED WITHIN 10 DAYS OF PURCHASE)

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PURCHASED FROM: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

DATE PURCHASED: \_\_\_\_\_

### USER INFORMATION (OPTIONAL)

MALE  FEMALE AGE: \_\_\_\_\_

### AGE OF YOUNGEST FAMILY MEMBER

UNDER 6 MONTHS  6 MONTHS - 1 YEAR  
 1 - 3 YEARS  3 - 5 YEARS  OLDER

MT118-BDVF 03/07 ©2007 MABIS Healthcare

CUT OUT AND MAIL TO:  
**MABIS HEALTHCARE**  
1931 NORMAN DRIVE SOUTH  
WAUKEGAN, IL 60085 USA

### PROBE COVER ORDER FORM

Please send \_\_\_\_\_ packages of disposable probe covers #15-618-000 (100 probes per package). Enclosed is \$5.00 per package plus \$3.00 for shipping and handling for each order.

Payment method (do not send cash):  Check  Money Order

Please ship to:

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_

**NOTE:** This order form is for shipments within the United States and Canada.

MT118-BDVF 03/07 ©2007 MABIS Healthcare