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## Relion thermometer instructions 06429

### Relion digital thermometer instructions. Relion thermometer instructions. Relion thermometer model 06429 instructions.

Thank you for purchasing the Relion® Digital Temple Thermometer.

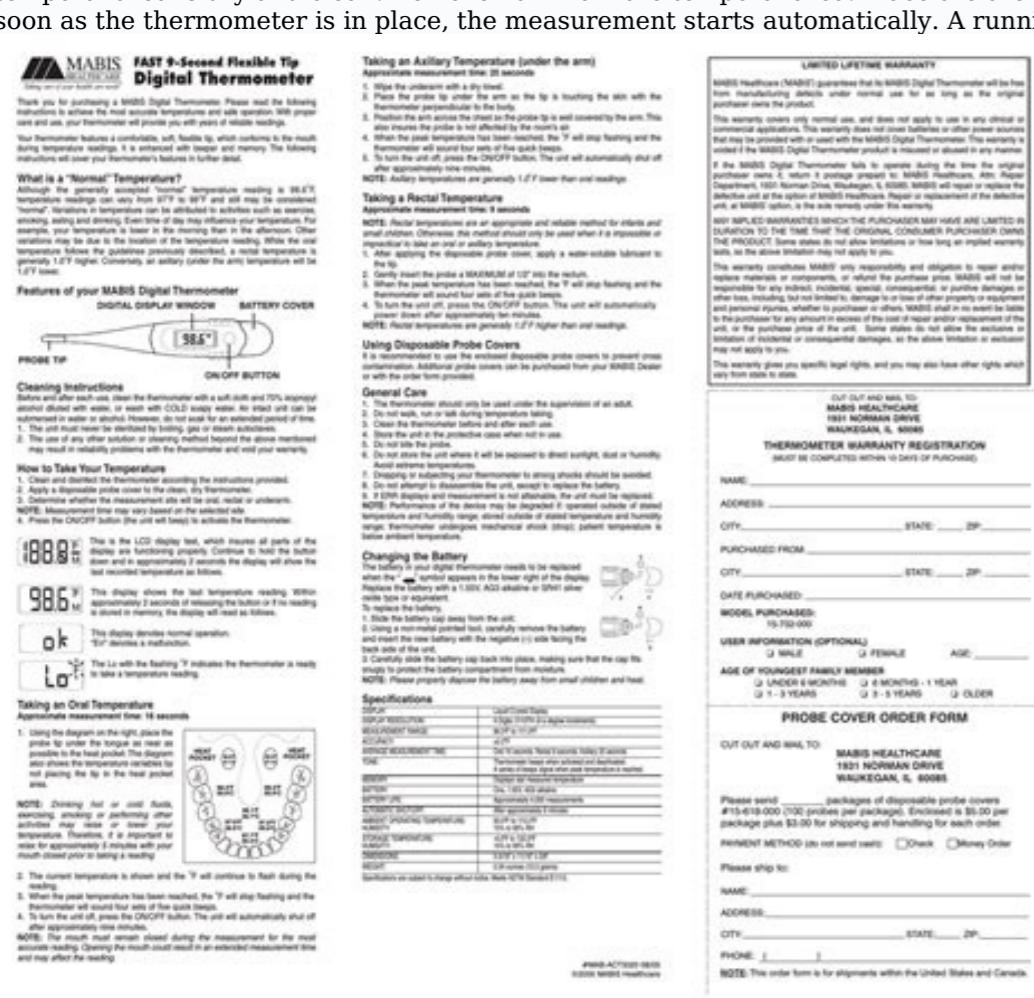
**Relion® Digital Thermometer**



The thermometer enables accurate temperature measurements in approximately 6-10 seconds, using simple steps. Relion Thermometer Instructions Relion Digital Temple Thermometer Table of Contents: Relion QUICK START Section 1 About Body Temperature Measurement Section 2 Installing and Replacing the Batteries Section 3 Guidelines for Use Section 4 Care and Cleaning Section 5 Troubleshooting and Special Indications Section 6 Technical Information Section 7 Warranty and Service Information IMPORTANT! Read user manual before using the thermometer. Relion QUICK START Install batteries into the thermometer. Make sure the polarity is correct (see section 2). Press and release the blue ON/OFF button. Unit will beep once. Wait until it beeps again twice and °F appears in the display (see section 3). Place and hold the thermometer probe firmly to the skin at the temple and wait several seconds for the device to beep once more (see section 3). Read the temperature on the display (see section 3). Relion General Warnings: Measurement body location is the temple, in proximity to the temporal artery, between the eye socket and the hairline. Do not place the thermometer on scarred tissue compromised by skin disorder, open sores or abrasions and patients in trauma. Consult your physician which may raise the local skin temperature in the forehead; this may lead to incorrect reading. Do not place the thermometer on skin exposed to direct sunlight, fireplace heat, air conditioner flow and cold/warm compress therapies. Keep the thermometer out of reach of unsupervised children. Do not drop the thermometer or expose to heavy shock. The unit is not shock proof. Do not immerse the thermometer in water or any other liquid. The unit is not water proof. In order to ensure accurate measurement, please wait at least two minutes between consecutive measurements for the unit to readjust to room temperature. The device is not suitable for use in presence of flammable anesthetic mixture with air or with Oxygen or Nitrous Oxide. Do not store the unit in direct sunlight, at a high temperature, in high humidity or dust. Performance of the unit may be degraded. Stop using the thermometer if it operates erratically or if display malfunctions. Clean the thermometer probe before storing. (See section 4, Care & Cleaning) Do not attempt to disassemble the unit except to replace the batteries. If the thermometer has been stored at below-freezing temperatures, allow the unit to warm naturally to room temperature before using. Performance of the device may be degraded if operated or stored outside stated temperatures and humidity ranges or if the patient's temperature is below the ambient (room) temperature. 1. About Body Temperature Measurement: How does the thermometer work? Your Relion® Digital Temple Thermometer accurately measures body heat using Rapid, Accurate, State of the Art Technology. Sensor A rapidly tracks the heat flow generated from blood vessels B to the skins surface C and converts measurement to body temperature. Information about Body Temperature What is "normal" body temperature? "Normal" body temperature varies from person to person and changes according to time of day and body location. Hot or cold baths, physical exercise, smoking and drinking, hot or cold drinks may change body temperature by one degree or more. The following table shows the Temperature ranges: What is fever? Average normal temperature ranges Forehead Over 100.0°F / 37.8°C 97.0°F - 100.0°F / 36.1°C - 37.8°C Rectal\* Over 100.4°F / 38°C 97.3°F - 100.4°F / 36.3°C - 38°C Oral (mouth) Over 100.0°F / 37.8°C 97.0°F - 100.0°F / 36.1°C - 37.8°C Axilla (armpit)\* Over 97.2°F / 35.2°C 99.0°F / 35.2°C \* Fever definitions according to the American Medical Association The thermometer is designed to measure with precision the temperature in the forehead, in proximity to the temporal artery, between the eye socket and the hairline. It is important to know that the thermal characteristics of each measurement body location - temporal, axillary, oral or rectal - are unique. The variance in temperature measurement in different body locations is due to the human body and not the thermometer. The thermometer readings are equivalent to oral measurements. IMPORTANT: It is recommended that you measure the body temperature of each individual when healthy to establish a "normal" temperature. Due to the unique body physiology of each person, it is recommended that you take a person's temperature at the same temple location in comparative measurements. 2. Installing and Replacing the Batteries: The thermometer uses 2 standard AAA 1.5V batteries. To install/replace : Remove the battery cover by sliding it out of its housing. Firmly attach the batteries to their place, make sure polarity is correct. Slide the battery cover back into place. IMPORTANT: It is recommended to remove the batteries from the thermometer when it is not used for a long period. WARNING: Do not dispose of batteries in fire, recharge, put in backwards, disassemble, mix with used or other battery types - they may explode or leak and cause injury. Waste batteries should be deposited in batteries recycling trash only. 3.



Guidelines for Use: Use this thermometer on clean dry skin. Wipe away any perspiration prior to use. Make sure that the thermometer and the patient do not move while measurement is in progress. Correct placing and good contact with the body ensure reliable readouts. Do not try to take a measurement until the two beeps are heard. Setting the Operating Scale °F or °C The device setting is °F, however at any time, the scale may be changed. To change the scale to Celsius (°C), or back to °F, by pressing the Power button within the first 3 seconds of turning on the unit. Operating the Relion Thermometer Press and release the blue Power button. You will hear one beep. All segments will be displayed. The result of the last temperature measurement will be displayed for 2 seconds\*. Wait for the hourglass icon to disappear, then two beeps will be heard to indicate that the thermometer is now "ready to measure". Take a measurement according to the following guidelines. Relion Taking Temperature: Make sure temporal area is dry and clean. Remove hair from the temporal area. Place the thermometer probe in the center of the temporal area between the eye socket and the hairline. Gently press it against the temple to ensure good contact with the skin is maintained. Hold the device still and keep the patient still for the duration of the measurement. As soon as the thermometer is in place, the measurement starts automatically. A running circle will appear indicating that measurement is progressing successfully. A temperature reading will be displayed within 6 - 10 seconds. One long beep will be heard to indicate that measurement is complete.



Wait for the hourglass icon to disappear, then two beeps will be heard to indicate that the thermometer is now "ready for measurement again". Press and release the blue Power button to turn the thermometer off.



If you want to get the maximum accuracy, please wait two minutes after turning the thermometer off and then begin again at Step 1 of "Operating the Thermometer". Relion Technical Specifications: Feature Performance / Data Measurement time 6 -10 seconds Measurement locations Temporal artery area of the forehead Measurement range 95.5°F to 107.6°F (35°C to 42°C) Operation environment 60.8°F to 104.0°F (16°C to 40°C) Humidity: 15-95% (non condensing) Storage environment -4°F to 122°F (-20°C to 50°C), Humidity: 15-95% (non condensing) Measurement readout Fahrenheit or Celsius Accuracy Complies with ASTM E 1112-00 standard requirements Display TN LCD 1" x 1" (27.0mm x 27.0mm) Batteries 2 AAA 1.5volt batteries Battery life Minimum 1000 full duty cycles over 24 month period Weight 2.24oz (56.2gr) including batteries Dimensions 3.86" x 1.79" x 1.17" (9.9 cm x 4.6 cm x 3.0 cm) Memory Nine sets Auto shut off After 60 seconds Case material Food grade ABS plastic Probe material Stainless steel and food grade ABS plastic Warranty 1 year Readmore and Download Relion Thermometer Instructions Manual Title : ReliOn Digital Temple Thermometer Instruction Manual Format : PDF Pages : 4 Pages Language : English File Size : 5 MB