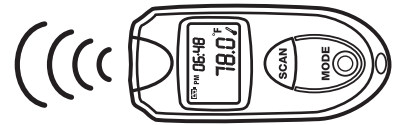# REPTITEMP® Digital Infrared Thermometer

Congratulations on your purchase of **Zoo Med's REPTITEMP®** Digital Infrared Thermometer! Please read the following instructions carefully. If you have any questions regarding these instructions or the proper use of this item, please contact our customer service department at **zoomed@zoomed.com** or by calling **(888) 496-6633 (US and Canada only).** Customers in other countries, please call **(805) 542-9988.**

FEATURES:

- Instantly measures body temperatures, surface temperatures and thermal gradients in terrariums, incubators, at basking sites, etc.
- Simple to use: Just point and click!
- Temperature range: -28° to 230°F (-33° to 110°C). Measures in °F or °C.
- Min/Max feature: Easily find the coolest or warmest temperature in an area.
- Measures ambient temperature in standby mode.
- Includes one CR2032 lithium cell battery.

SETTING UP Your New Reptitemp® Digital Infrared Thermometer:

STANDBY MODE:
To conserve battery life, your thermometer will automatically enter **STANDBY** mode if no buttons are pressed for 15 seconds. When in **STANDBY** mode, the ambient temperature is shown on the display, along with the thermometer icon and the current time. The ambient temperature is only shown during STANDBY mode after the clock has been set. If the clock has not been set, the display is blank in STANDBY mode. **NOTE:** When setting the temperature scale or the clock, the display will exit programming mode after 15 seconds if no buttons are pressed.

(Standby Mode)

SET THE TEMPERATURE SCALE (°F OR °C):
To check the current setting, look for **°F** or **°C** on the display. To change it, perform the following steps:
1. Press and release the **"SCAN"** button once to exit **STANDBY** mode. The thermometer icon will disappear, and the word **"Hold"** will appear on the display.
2. Press the **"MODE"** button 5 times to cycle through the settings until the temperature scale **(°F or °C)** is flashing on the display.
3. With the temperature scale flashing, press the **"SCAN"** button to change the scale.

SET THE CLOCK:
1. Press and release the "SCAN" button once to exit STANDBY mode. The thermometer icon will disappear, and the word "Hold" will appear on the display.
2. Press the "MODE" button 6 times to cycle through the settings until the word **Set** flashes on the display next to the time.
3. **Set AM/PM or 24 Hour Clock:** With the word **Set** flashing, press the "SCAN" button once and then press "SCAN" again to select the 24 hour clock (indicated by "24" on the display), or 12 hour clock (PM will appear if the current time is during the PM).
4. **Set the Hour:** While still in the clock setting mode, press "MODE" again until the hour flashes, and then press "SCAN" to change the hour.
5. **Set the Minutes:** Press "MODE" again until the minutes flash, then press "SCAN" to set the current time. Press "MODE" once more to exit programming.

USING Your New Reptitemp® Digital Infrared Thermometer:

MEASURING TEMPERATURES:
To easily measure surface temperatures, simply "Point and Shoot" by aiming the thermometer at the surface to be measured and pressing the "SCAN" button. Press and release the "SCAN" button to take a quick reading, or press and hold the "SCAN" button to take continuous temperature measurements as you move the thermometer. When the "SCAN" button is pressed, the infrared icon flashes and the measured temperature is shown on the display. After releasing the "SCAN" button, the last recorded temperature is shown along with the word "Hold."
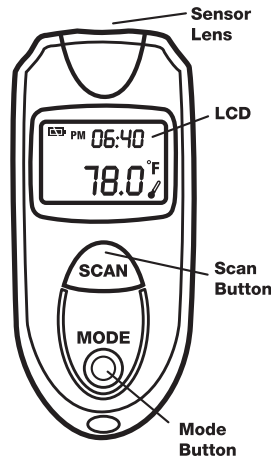
CONTINUOUSLY SCAN TEMPERATURES IN LOCK MODE:
To continuously measure temperatures over a long period of time without having to hold down the "SCAN" button, your thermometer can be set to LOCK mode.
1. Press and release the "SCAN" button once to exit STANDBY mode. The thermometer icon will disappear, and the word "Hold" will appear on the display.
2. Press the "MODE" button 3 times to cycle through the settings until the word **LOCK** flashes on the display.
3. With the word **LOCK** flashing, press the "SCAN" button to enter "LOCK" mode and begin scanning temperatures for up to 60 minutes.
4. Press the "SCAN" button again to exit LOCK mode.

CHECK MINIMUM AND MAXIMUM TEMPERATURES IN AN AREA:
To easily check for the coolest and warmest temperatures, your thermometer can be set to MIN or MAX mode. When scanning temperatures, the temperature on the display will show the coolest or warmest temperature recorded. As you move the thermometer around, the display will remain unchanged until cooler or warmer temperatures are found. *(continued)*

Sensor Lens
LCD
SCAN — Scan Button
MODE — Mode Button

USING Your New Reptitemp® Digital Infrared Thermometer: (Cont.)

CHECK MINIMUM AND MAXIMUM TEMPERATURES IN AN AREA:
1. Press and release the "SCAN" button once to exit STANDBY mode. The thermometer icon will disappear, and the word "Hold" will appear on the display.
2. Press the "MODE" button once for **MIN** mode or twice for **MAX** mode. The words **MIN** or **MAX** will appear on the display.
3. To begin scanning for minimum or maximum temperatures, press and hold the "SCAN" button. The temperature will not scan if the button is not held down.
4. Your thermometer will automatically enter STANDBY mode if no buttons are pressed for 15 seconds.

IMPORTANT NOTES:

- The area being measured by your REPTITEMP® Digital Infrared Thermometer increases as you move the thermometer away from the object. For example, if your thermometer is one inch away from the floor of your terrarium, it will measure an area one inch in diameter. If you move the thermometer 3 inches away, it will measure an area 3 inches in diameter.
- The thermometer will not measure temperatures through screen mesh, glass, or plastic, but will instead measure the surface temperatures.
- Measuring polished or reflective surfaces may result in inaccurate readings.

CARE & MAINTENANCE:

- Store your REPTITEMP® Digital Infrared Thermometer in a dry area, and away from extreme temperatures.
- Do not expose your thermometer to high humidity levels for long periods of time, and do not allow the thermometer to get wet.
- Do not drop the thermometer, or expose it to strong magnetic fields which can damage the electronics.
- Keep the sensor clean and dry. If cleaning is necessary, use a dry cotton swab to clean the surface of the sensor.

REPLACING THE BATTERY:

1. Using a small Phillips head screwdriver, remove the screw from the back of the housing.
2. Remove the back of the housing to access the battery.
3. Use the tip of the screwdriver to carefully slide the battery out of the battery compartment by pushing it toward the bottom of housing (away from the sensor).
4. Slide a new 3 volt CR2032 battery into the compartment with the positive side (+) facing out as shown on the sticker.
5. Replace the back of the housing and the small screw.
6. After replacing the battery, the thermometer settings must be reset (clock and °F or °C).

TROUBLESHOOTING:

Under extreme high or low temperature conditions, or when exposed to rapid temperature changes, an error message may appear on the display.
- **Hi** or **Lo** messages: This will occur if the temperature being measured is outside of the thermometer's operating range of -28° to 230°F (-33° to 110°C).
- **Er2** message: This indicates that the thermometer was exposed to a rapid change in the ambient temperature.
- **Er3** message: This indicates that ambient temperature is too hot or cold for the thermometer to function properly. The ambient temperature must be between 32°F (0°C) and 122°F (50°C).
For any error message, be sure that the thermometer is not being exposed to extreme temperatures and wait 30 minutes to allow the error message to clear. If the message does not clear, reset the thermometer by removing the battery and waiting one minute before replacing it. If the error message remains, contact Zoo Med's customer service department.

WARRANTY: