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> [Komodo Analog Thermometer/Hygrometer User Manual Model 82402](#)

Komodo 82402

Komodo Analog Thermometer/Hygrometer User Manual

Model: 82402

1. INTRODUCTION

The Komodo Analog Thermometer/Hygrometer is an essential tool for monitoring the environmental conditions within an animal enclosure, particularly for reptile species. Maintaining correct temperature and humidity levels is crucial for the health and well-being of your pets. This combined gauge provides an easy-to-read analog display for both temperature in Celsius and relative humidity (% RH), offering a space-saving solution for terrariums.

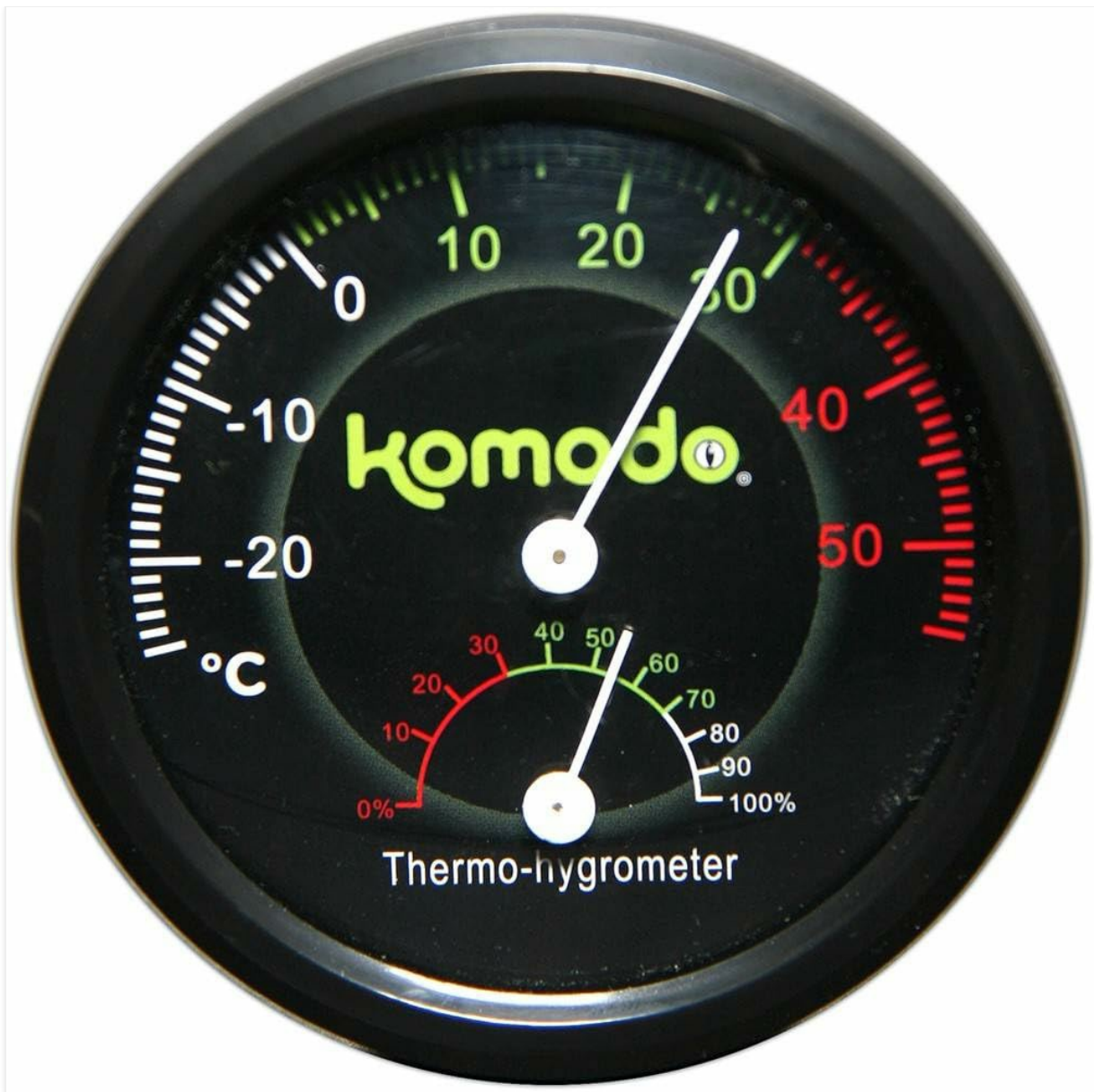


Image 1.1: Front view of the Komodo Analog Thermometer/Hygrometer. The device features a black circular dial with a green 'Komodo' logo. The upper scale displays temperature in Celsius, ranging from -20°C to 50°C, with green markings for optimal range and red for higher temperatures. The lower, smaller scale indicates relative humidity from 0% to 100% RH, with color-coded sections (red for low, green for optimal). Two white needles point to the current temperature and humidity readings.

2. SETUP

Follow these steps to properly set up your Komodo Analog Thermometer/Hygrometer:

1. **Unpack the Device:** Carefully remove the thermometer/hygrometer from its packaging. Inspect it for any signs of damage.
2. **Choose Placement:** Select a suitable location within the enclosure. For accurate readings, place the device in an area that represents the general temperature and humidity of the habitat. Avoid placing it directly under heat lamps, basking spots, or near water sources that could skew readings. Ensure it is accessible for easy viewing.
3. **Attachment:** The device typically comes with an adhesive backing for secure attachment. Peel off the protective film from the adhesive pad on the back of the unit. Press the device firmly onto a clean, dry surface inside the enclosure. Ensure the surface is smooth for optimal adhesion.
4. **Allow for Stabilization:** After placement, allow the device approximately 15-30 minutes to stabilize and adjust to the ambient conditions of the enclosure before taking readings.

3. OPERATING INSTRUCTIONS

The Komodo Analog Thermometer/Hygrometer is designed for straightforward operation. As an analog device, it does not require batteries or complex settings.

- **Reading Temperature:** The larger, upper dial displays the temperature in degrees Celsius (°C). The white needle on this dial indicates the current temperature. The scale typically ranges from -20°C to 50°C. Optimal temperature ranges for specific reptile species are often highlighted with green markings on the dial, while red markings may indicate higher temperatures.
- **Reading Humidity:** The smaller, lower dial displays the relative humidity (% RH). The white needle on this dial indicates the current humidity level. The scale typically ranges from 0% to 100% RH. Similar to the temperature scale, color-coded sections (e.g., red for low humidity, green for optimal) provide a quick visual reference for suitable humidity levels.
- **Regular Monitoring:** Check the readings regularly to ensure the enclosure conditions remain within the appropriate range for your pet. Adjust heating, ventilation, or misting as necessary based on the readings.

4. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your device.

- **Cleaning:** To clean the device, gently wipe the surface with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the display or the internal components.
- **Avoid Moisture:** While the device measures humidity, it is not designed to be submerged in water or exposed to excessive direct moisture. Ensure the back and sides remain dry.
- **Handling:** Handle the device with care. Although durable, dropping it or subjecting it to strong impacts can affect its accuracy or cause physical damage.
- **Storage:** If storing the device for an extended period, keep it in a clean, dry place away from extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your Komodo Analog Thermometer/Hygrometer, consider the following:

- **Inaccurate Readings:**
 - **Improper Placement:** Ensure the device is not placed in a microclimate that does not represent the overall enclosure conditions (e.g., too close to a heat source, water dish, or ventilation). Reposition the device to a more central or representative location.
 - **Physical Obstruction:** Check if anything is blocking the sensors or the dial, which could impede accurate readings.
 - **Comparison:** If you suspect inaccuracy, compare the readings with another known accurate thermometer or hygrometer. Note that minor variations between analog devices can occur.
- **No Movement/Stuck Needles:**
 - **Physical Damage:** Inspect the device for any visible physical damage that might prevent the needles from moving freely.
 - **Extreme Conditions:** Ensure the device is not exposed to temperatures or humidity levels outside its operational range, which could temporarily or permanently affect its function.

If troubleshooting steps do not resolve the issue, contact the retailer or manufacturer for further assistance.

6. SPECIFICATIONS

- **Model Number:** 82402
- **Brand:** Komodo
- **Product Dimensions:** Approximately 6.3 x 4.92 x 1.18 inches
- **Weight:** Approximately 1.41 ounces
- **Display Type:** Analog
- **Temperature Range:** -20°C to 50°C
- **Humidity Range:** 0% to 100% RH
- **Response Time:** 0.5 seconds
- **Material:** Plastic
- **Power Source:** Does not require batteries (passive analog)
- **Reusability:** Reusable

7. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or further inquiries, please reach out to the Komodo manufacturer directly or the authorized distributor from whom you purchased the product.