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Kikkerland ST71

Kikkerland ST71 Storm Glass Instruction Manual

Model: ST71

Introduction

The Kikkerland ST71 Storm Glass is a decorative barometer that predicts weather changes based on the appearance of crystals within a sealed glass chamber. This device is an updated version of a historical instrument used by Admiral Robert FitzRoy on HMS Beagle in the 19th century. It serves as both a functional weather indicator and an elegant home decor accent.



Image: The Kikkerland ST71 Storm Glass, a clear glass tube containing a liquid and crystals, resting on a light wooden base.

Key Features:

- Crystals in chamber respond to changes in atmospheric pressure.
- Markings on the glass indicate forecast.
- Solid Beech wood base for stability and aesthetic appeal.
- Functions as a decorative piece.
- Crystals are contained in a sealed glass tube.

Setup

Setting up your Kikkerland ST71 Storm Glass is straightforward. No assembly or power source is required.

1. **Unpack:** Carefully remove the Storm Glass from its packaging.
2. **Placement:** Place the Storm Glass on a stable, flat surface away from direct sunlight or extreme temperature

fluctuations (e.g., near a heater or air conditioner vent). Consistent ambient temperature is important for accurate crystal formation.

3. **Acclimatization:** Allow the Storm Glass to acclimate to its new environment for approximately one to two weeks. During this period, the crystals may not show significant changes as they adjust to the local atmospheric conditions.



Image: A hand holding the Storm Glass, illustrating its compact size with a height of 5.0 inches (12 cm).

Operating Instructions

The Storm Glass predicts weather by observing the various formations of crystals within the sealed glass. The changes in crystal patterns are influenced by atmospheric pressure and temperature. Observe the glass daily to interpret the forecast.

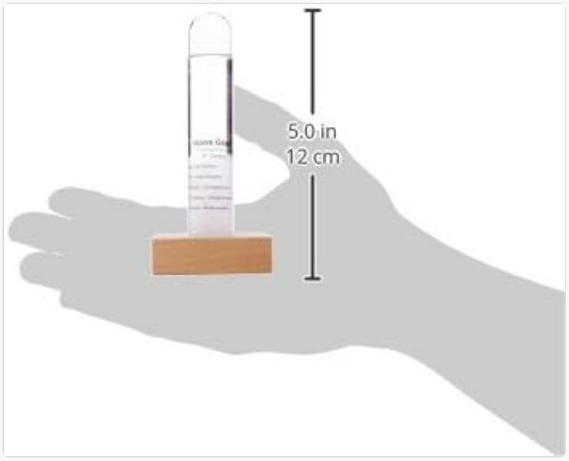


Image: A close-up view of the Storm Glass, highlighting the printed labels on the glass that describe crystal appearances and their associated weather forecasts.

Interpreting Crystal Formations:

- **Clear Liquid:** Indicates fair and clear weather.
- **Cloudy Liquid:** Suggests cloudy skies, possibly with precipitation.
- **Small Dots/Stars:** May indicate fog or humid weather.
- **Small Crystals:** Often points to clear and frosty weather in winter.
- **Large Flaky Crystals:** Can signify overcast skies, snow, or a cold front.
- **Threads of Crystals at the Top:** Suggests windy weather.
- **Crystals at the Bottom:** Indicates frost.
- **Crystals Rising to the Top:** May predict thunderstorms or unsettled weather.

Note: The Storm Glass is a traditional instrument and its predictions are not as precise as modern meteorological equipment. It is best used as a general indicator and a fascinating decorative item.

Maintenance

To ensure the longevity and clear visibility of your Storm Glass, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the exterior of the glass and the wooden base with a soft, dry cloth. Avoid abrasive cleaners or harsh chemicals, as these can damage the glass or the wood finish.
- **Handling:** Handle the Storm Glass with care. It is made of glass and can break if dropped or subjected to strong impacts.
- **Placement:** Keep the Storm Glass in a stable location to prevent accidental tipping. Avoid placing it in areas with frequent vibrations.
- **Temperature:** While the crystals react to temperature changes, extreme and rapid temperature shifts can affect the internal solution. Maintain a relatively stable room temperature for optimal performance and crystal health.

Troubleshooting

If your Storm Glass is not performing as expected, consider the following:

- **No Crystal Changes:** If the crystals remain unchanged for an extended period, ensure the glass has had sufficient time to acclimate (1-2 weeks). Also, verify it is not placed in an area with constant, unchanging temperature or pressure (e.g., a sealed, climate-controlled room with no external influence).
- **Slow Changes:** Crystal changes can be subtle and gradual. Allow time for the atmospheric conditions to significantly shift. The Storm Glass reacts to larger pressure and temperature changes.
- **Inaccurate Predictions:** Remember that the Storm Glass is a traditional, decorative instrument. Its predictions are general and should not be relied upon for critical weather forecasting. Compare its readings with local weather reports for context.
- **Liquid Appears Cloudy Permanently:** This might indicate a minor issue with the solution or extreme environmental conditions. Ensure it's not exposed to direct sunlight or excessive heat.

Specifications

Feature	Detail
Brand	Kikkerland
Model	ST71
Material	Glass
Base Material	Solid Beech Wood
Color	White (liquid/crystals)
Item Weight	0.18 kg
Power Source	No Power Source
Sensor Technology	Mechanical
Recommended Use	Home Decor, Weather Indicator

Warranty Information

Kikkerland products are designed for quality and durability. While specific warranty details for the ST71 Storm Glass are not provided, most Kikkerland products come with a limited warranty against manufacturing defects. Please retain your proof of purchase.

For detailed warranty terms and conditions, or to inquire about a specific issue, please contact Kikkerland customer support.

Customer Support

If you have any questions, concerns, or require assistance with your Kikkerland ST71 Storm Glass, please contact our customer support team:

- **Website:** Visit the official Kikkerland website for support resources and contact information.
- **Email:** Refer to your product packaging or the Kikkerland website for the appropriate customer service email address.
- **Phone:** Check the Kikkerland website for customer service phone numbers.

When contacting support, please have your product model (ST71) and purchase information ready.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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