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> Grenebo 3-in-1 Soil Moisture Meter Instruction Manual (Model SGS02Z)

Grenebo SGS02Z

Grenebo 3-in-1 Soil Moisture Meter Instruction Manual

Model: SGS02Z

1. PRODUCT OVERVIEW

The Grenebo 3-in-1 Soil Moisture Meter is designed to provide essential data for plant care. It measures soil moisture, ambient temperature, and sunlight intensity, offering a comprehensive view of your plant's environment.

3-in-1 Monitoring, Easy-to-Read Display



Image: The meter displays soil moisture percentage, air temperature, and light intensity levels on its LCD screen.

Key Features:

- **3-in-1 Monitoring:** Provides real-time readings for soil moisture, ambient temperature, and sunlight intensity.
- **Large LCD Screen:** Offers clear and intuitive digital readings for easy data interpretation.
- **Instant & Automatic Updates:** Press the button for immediate updates or rely on automatic updates every minute in low-power mode.
- **Versatile Use:** Suitable for various environments including indoor plants, outdoor garden beds, lawns, and greenhouses.
- **Durable Probe:** Features a 3.5-inch graduated probe for accurate depth insertion.

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Video: An overview of the Grenebö 3-in-1 Soil Moisture Meter's features and ease of use.

2. SETUP

Before using your Grenebö 3-in-1 Soil Moisture Meter, you will need to install batteries.

Battery Installation:

1. Locate the battery compartment on the back of the device.
2. Open the battery compartment cover.
3. Insert two (2) AAA batteries, ensuring correct polarity (+/-). *(Batteries are not included)*
4. Close the battery compartment cover securely.

The device is now ready for use.

3. OPERATING INSTRUCTIONS

Follow these steps to obtain accurate readings from your soil moisture meter:

How to Use



1

Insert probe at least 2.7 inches deep.



2

Press button to refresh or wait 60s auto-update.



3

Read moisture / temperature / light data.



4

Wipe the product clean after use to extend its service life

Image: Visual guide on operating the soil moisture meter.

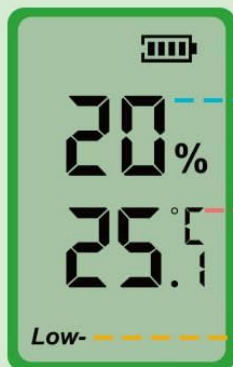
1. **Power On:** Press and hold the button located on the front of the device for a few seconds until the LCD screen illuminates.
2. **Insert Probe:** Gently insert the probe into the soil at least 2.7 inches (7 cm) deep. Ensure the probe is fully submerged in

the soil for accurate moisture readings. Avoid forcing the probe into hard soil to prevent damage.

3. **Read Data:** The LCD screen will display the soil moisture percentage, ambient temperature, and light intensity.
 - **Soil Moisture:** Displayed as a percentage (0-100%).
 - **Temperature:** Displayed in Celsius (°C) or Fahrenheit (°F).
 - **Light Intensity:** Displayed as a level (Low-, Low, Nor-, Nor, Hgh-, Hgh, Hgh+).
4. **Refresh Readings:** For an instant update, briefly press the button. The device also updates automatically every minute in low-power mode.
5. **Switch Temperature Units:** Briefly press the button to toggle between Celsius (°C) and Fahrenheit (°F) display for temperature.
6. **Power Off:** Press and hold the button for a few seconds to turn off the device.

Reliable Measurement Range

Stop Guessing, Start Caring Smarter



Soil Moisture



0–100% Accurate Range

Know When to Water



Temperature



15.8–140°F / -9–60°C

Monitor Plant Environment



Light Intensity
(5 Levels)



LOW- to HIGH+ (0–7000 lux)

Know If Your Plants Need
More Light

Image: The meter's reliable measurement ranges for soil moisture, temperature, and light intensity.

4. MAINTENANCE

Proper care and maintenance will ensure the longevity and accuracy of your Grenebo Soil Moisture Meter.

Proper Use & Care for Accurate Readings



Do Not Use in
Water or Liquids



Do Not Leave in Soil
Over 5 Minutes



Avoid Hard,
Rocky Soil



1-Year Replacement
Hassle-Free Support



24/7 Customer Support
Always Here to Help

Image: Guidelines for proper use and care to maintain accuracy.

- **Clean After Each Use:** After taking readings, wipe the probe clean and dry with a soft cloth. This prevents residue buildup and extends the product's service life.
- **Storage:** Do not leave the meter in soil for extended periods (over 5 minutes). Store it in a clean, dry place when not in use.
- **Avoid Liquids:** This device is designed for soil use only. Do not test water or other liquids.
- **Handle with Care:** Avoid inserting the probe into overly hard or rocky soil, as this can cause damage to the probe.

5. TROUBLESHOOTING

If you encounter issues with your Grenebo Soil Moisture Meter, refer to the following common solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No display or weak display	Low or depleted batteries; incorrect battery installation.	Replace with fresh AAA batteries, ensuring correct polarity.
Inaccurate moisture readings	Probe not inserted deep enough; probe not clean; soil too sandy or loose; probe damaged.	Ensure probe is inserted at least 2.7 inches deep. Clean the probe thoroughly. Note that readings may be inaccurate in very sandy or loose growing media. Avoid hard soil to prevent probe damage.
Temperature unit not switching	Button not pressed correctly.	Briefly press the button to toggle between °C and °F. Avoid long presses which may power off the device.

6. SPECIFICATIONS

Feature	Detail
Model Number	SGS02Z
Product Dimensions	7.28 x 1.38 x 3.07 inches
Item Weight	3.52 ounces
Power Source	2 x AAA Batteries (not included)
Measurement Functions	Soil Moisture, Ambient Temperature, Sunlight Intensity
Moisture Range	0-100%
Temperature Range	15.8-140°F / -9-60°C
Probe Length	Approximately 3.5 inches (9 cm)

7. WARRANTY AND SUPPORT

Grenebo stands by the quality of its products.

- **1-Year Replacement:** The product includes a 1-year replacement policy for manufacturing defects.
- **Customer Support:** For any questions or concerns, 24/7 customer support is available. Please refer to the product packaging or manufacturer's website for contact details.

