

RAINPOINT 026+023

RAINPOINT Smart Digital Wireless Plant Moisture Meter & WiFi Hub Kit User Manual

Model: 026+023
Brand: RAINPOINT

INTRODUCTION

The RAINPOINT Smart Digital Wireless Plant Moisture Meter and WiFi Hub Kit provides real-time soil moisture monitoring for both indoor and outdoor plants. This manual will guide you through the setup, operation, and maintenance of your device to ensure healthy plant growth.

WHAT'S IN THE BOX

- 1*Smart Soil Moisture Meter
- 1*Mini WiFi Hub Gen2
- 1*pH Test Strips
- 1*Phillips Screwdriver



Image: The complete RAINPOINT Smart Digital Wireless Plant Moisture Meter and WiFi Hub Kit.

SETUP

1. Download the RainPoint Home App

Before starting, download the **RainPoint Home** app on your smartphone. You can find it on the App Store (iOS) or Google Play Store (Android).

2. WiFi Hub Setup

1. Plug the Mini WiFi Hub into an indoor power outlet. The power indicator light on the hub will turn

solid blue.

2. Open the RainPoint Home App. Tap the "+" icon to add a new device.
3. Select "HWG023" (or "HWG023WBRF" if your hub has an antenna) from the list of devices.
4. Follow the on-screen prompts to connect the hub to your 2.4 GHz WiFi network. Note: The hub only supports 2.4 GHz WiFi.
5. Press and hold the operation button on the hub until the WiFi connecting indicator light flashes rapidly. Once connected, the indicator will turn solid blue.

Video: "026 Smart Digital Soil Meter Beginners Guide and Tutorial" - This video provides a comprehensive guide to setting up your RainPoint devices, including the WiFi hub and soil moisture sensor.

3. Smart Soil Moisture Sensor Setup

1. Prepare three AAA batteries (not included). Use the provided Phillips screwdriver to remove the back cover of the sensor.
2. Insert the batteries, ensuring correct polarity. Then, screw the back cover firmly back into place.
3. On the RainPoint Home App, navigate to the hub's homepage. Tap "Add Device" and select "HCS026FRF" (Smart Soil Moisture Sensor).
4. Follow the app's instructions to pair the sensor with the hub. Hold and press the operation button on the sensor until its LED light flashes rapidly. Once paired, the light will stop blinking.

Two ways of Use

1. Used as Standalone Device



This sensor could be left in soil and the readout will automatically refresh every 1 min.



Image: The sensor can be used as a standalone device or paired with the WiFi hub for remote monitoring.

OPERATING THE DEVICE

1. Using the Soil Moisture Sensor

- Insert the sensor vertically into the soil, ensuring the part labeled "BEST" is fully buried. Avoid placing it in overly rocky soil to prevent damage to the probe.
- The sensor's large display will provide an at-a-glance snapshot of current moisture conditions, updating every minute.

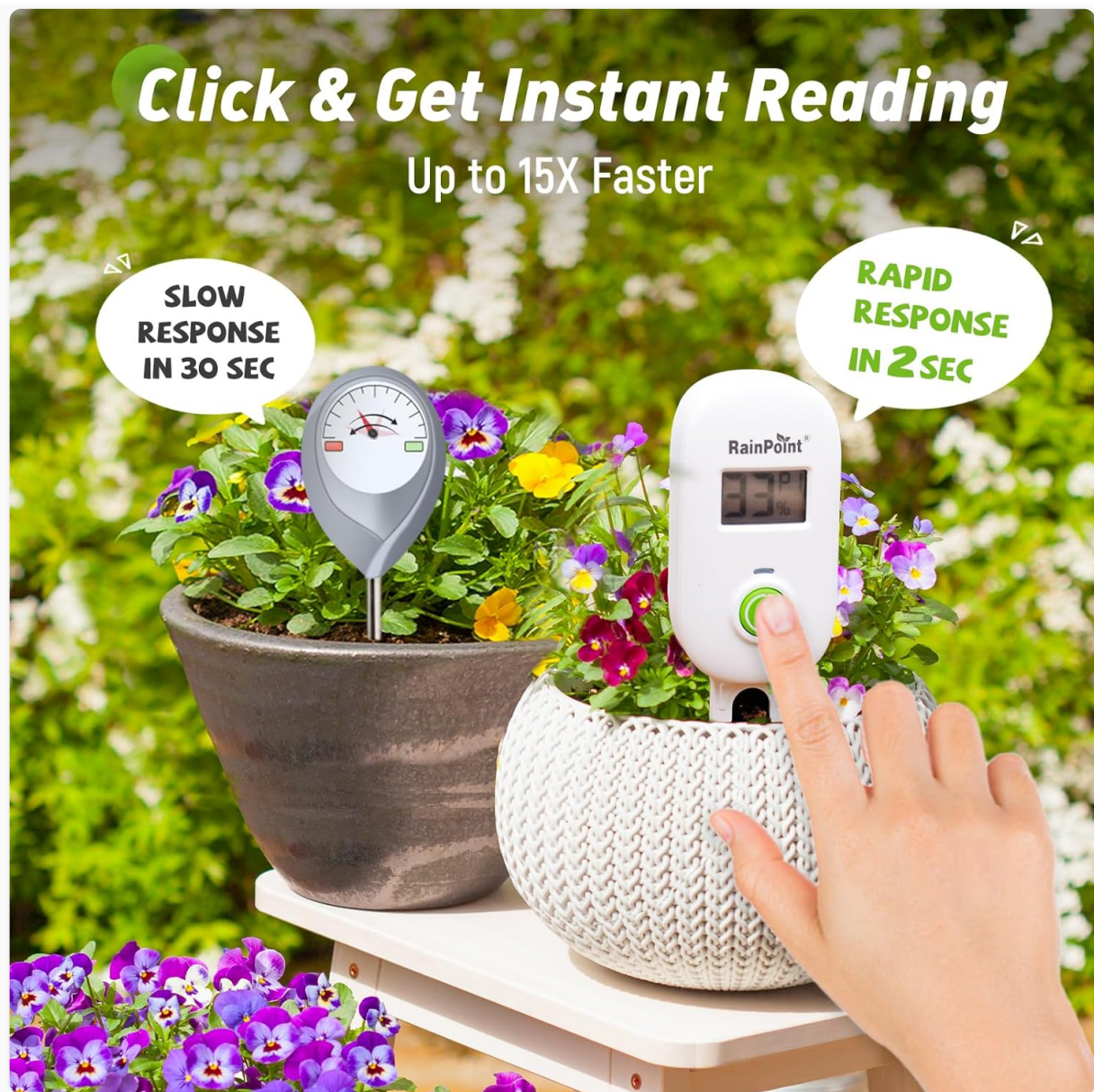


Image: The sensor provides instant moisture readings, making it easy to check your plants' needs.

2. Real-time Monitoring & Historical Data via App

- Once paired with the WiFi Hub, you can remotely monitor soil moisture levels from anywhere using the RainPoint Home App.
- The app logs data over time, allowing you to view historical soil moisture changes for up to one year. This helps in optimizing watering practices.



Image: Track and monitor real-time moisture changes over time to optimize your watering practices.

3. Low/High Moisture Alerts & Notifications

- Customize appropriate moisture thresholds for different plants within the app.
- Receive push notifications and email alerts when your plants need watering or when the soil is too wet, preventing overwatering or underwatering.

Take The Guesswork Out



We Let You Know When to Water

- Set custom alert notification per your desired

Image: The app sends push notifications and emails for moisture alerts, ensuring you know when your plants need attention.

Video: "RAINPOINT Smart Plant Care 'Co-parents'" - This video highlights how RainPoint devices help you care for your plants effectively.

4. Build Auto-watering System

The soil meter can integrate with other RainPoint smart devices (up to 39 devices) through the hub to form an automated watering system, empowering effortless plant care.

Video: "RAINPOINT Smart Solar Drip Watering Kit" - This video demonstrates how RainPoint's smart watering solutions can be integrated.

Say Goodbye To Muddy Finger



Image: An overview of the RainPoint Smart Watering System, showing various connected devices.

MAINTENANCE

- The sensor is designed with better waterproof and corrosion protection for longer service life. It is suitable for both indoor and outdoor use.
- To replace batteries, use the provided Phillips screwdriver to open the back cover, replace the AAA batteries, and secure the cover.

Q1 When to water plants?

A: Overwatering and underwatering are top two reasons for indoor plant death, both indoors and out. Just like people, every plant has different watering preference. Rather than setting a strict water schedule, it's better to learn your plant care guide and pay attention to the optimal moisture level. Then you can adjust your watering cycles and drip irrigation appropriately.

Q2 Why is it important to know soil moisture level?

A: Too much moisture in the soil reduces the amount of oxygen and damage the plant's roots, making it more difficult to absorb water and lead to death. Too little water causes the plant to not go through photosynthesis, damaging the cells and tissues of the plant. Checking the moisture level of the soil is a great way to monitor your plant's health.

Q3 What is recommended soil moisture level?

A: The majority of flowers, trees and shrubs require moisture levels between 20% - 40%, depending on the specific plant type, while most vegetables require soil moisture between 40% and 80%.

Q4 Can I use this soil sensor outside?

A: Yes, it is waterproofing and ideal for use both indoor and out.

Image: The sensor is built to be waterproof and corrosion-proof for durability.

TROUBLESHOOTING

- **Connectivity Issues:** Ensure your WiFi hub is connected to a 2.4 GHz network. Verify that you are using the correct app (RainPoint Home App). Some users reported issues with third-party smart home integrations affecting connectivity; ensure no conflicting settings.
- **Inaccurate Readings:** Ensure the sensor is fully inserted into the soil up to the "BEST" mark. Avoid placing the sensor display in direct sunlight for prolonged periods, as this might affect temperature readings and potentially moisture accuracy.

- **Battery Life:** If the device is not responding or the display is dim, replace the batteries.

SPECIFICATIONS

- **Product Dimensions:** 2 x 1 x 8 inches
- **Item Weight:** 11.3 ounces
- **Manufacturer:** RAINPOINT
- **ASIN:** B0DR7C9MLP
- **Country of Origin:** China
- **Item Model Number:** 026+023

FREQUENTLY ASKED QUESTIONS (FAQs)

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WARRANTY & SUPPORT

For warranty information and further support, please refer to the manufacturer's official website or contact their customer service.

	<p>RainPoint Smart Soil Moisture Sensor System Quick Start Guide for HCS021FRF and HWG004WRF</p> <p>Comprehensive quick start guide for the RainPoint smart soil moisture sensor system. Learn how to connect, install, and troubleshoot your HCS021FRF and HWG004WRF devices for optimal garden and lawn monitoring.</p>
	<p>RainPoint HWG023WBRF Mini Box Hub User Manual</p> <p>Comprehensive user manual for the RainPoint HWG023WBRF Mini Box Hub, covering setup, connection, app usage, troubleshooting, and specifications. Learn how to manage your smart irrigation system.</p>
	<p>RainPoint Smart Mini Box Hub HWG023WRF User Manual</p> <p>Comprehensive user manual for the RainPoint Smart Mini Box Hub (Model HWG023WRF), covering setup, app connection, features, troubleshooting, and warranty information.</p>
	<p>RainPoint IK10PW WiFi Automatic Watering Pump Kit User Manual</p> <p>Comprehensive guide to the RainPoint IK10PW WiFi Automatic Watering Pump Kit, covering setup, installation, app usage, troubleshooting, and warranty for smart indoor plant watering.</p>
	<p>RainPoint Mini Box Hub HWG023WBRF User Manual</p> <p>Comprehensive user manual for the RainPoint Mini Box Hub (Model HWG023WBRF), covering setup, connection, app usage, troubleshooting, and specifications. Learn how to connect your smart home devices for water saving.</p>
	<p>RainPoint 1 Zone WiFi Water Timer & Hub Instruction Manual</p> <p>This instruction manual provides detailed guidance for setting up and using the RainPoint 1 Zone WiFi Water Timer (TTV103WRF) and WiFi Hub (TWG004WRF). Learn about smart irrigation features, app control, installation steps, and troubleshooting for your automated garden watering system.</p>