

ORIMERC 50 feet (15.2M) Self-Watering Wick Cord

ORIMERC Self-Watering Wick Cord User Manual

MODEL: 50 FEET (15.2M) SELF-WATERING WICK CORD

Brand: ORIMERC

1. Introduction

The ORIMERC Self-Watering Wick Cord is an innovative solution for automatic plant irrigation, designed to simplify plant care, especially during vacations or busy periods. This capillary wick system efficiently draws water from a reservoir to your plants' roots, ensuring they receive consistent moisture without over or under-watering. Made from durable polyester fiber, it is an economical and effective alternative to traditional watering methods.



Figure 1.1: ORIMERC Self-Watering Wick Cord. The inset shows a water droplet demonstrating its capillary action.

2. Product Features

- **Automatic Irrigation:** Utilizes capillary action to automatically draw water to plants.
- **Economical & Effective:** A cost-effective and reliable alternative to complex watering systems.
- **Customizable & Controllable:** Adaptable to various water reservoirs and allows control over dripping volume and time.
- **Precise Watering:** Delivers water directly to the roots, minimizing waste and mess.
- **Durable Material:** Made from polyester blend fiber, designed for long-term use without rotting or decaying.
- **Reusable & Washable:** Can be cleaned and reused for different setups.



Figure 2.1: Magnified view of the ORIMERC Self-Watering Wick, showing its 6mm diameter and durable polyester blend fiber construction.

3. Setup and Installation

Setting up your ORIMERC self-watering system is straightforward. Follow these steps for optimal performance:

1. **Prepare the Wick:** Before use, fully immerse the entire length of the wick cord in water for at least 15 minutes. This ensures the cord is completely saturated and ready for capillary action.
2. **Choose a Water Reservoir:** Select any suitable water container (e.g., bottle, jar, bucket). The size of the reservoir will determine the duration of automatic watering.
3. **Position the Wick:** Place one end of the saturated wick into the water reservoir, ensuring it reaches the bottom to draw maximum water.
4. **Insert into Plant Pot:** Guide the other end of the wick into the plant pot, burying it slightly into the soil near the plant's roots. Ensure good contact with the soil.

5. **Adjust Height:** The height difference between the water reservoir and the plant pot is crucial for controlling the water flow.

- For faster watering, place the water reservoir higher than the plant pot.
- For slower watering, place the water reservoir at or slightly below the same level as the plant pot.

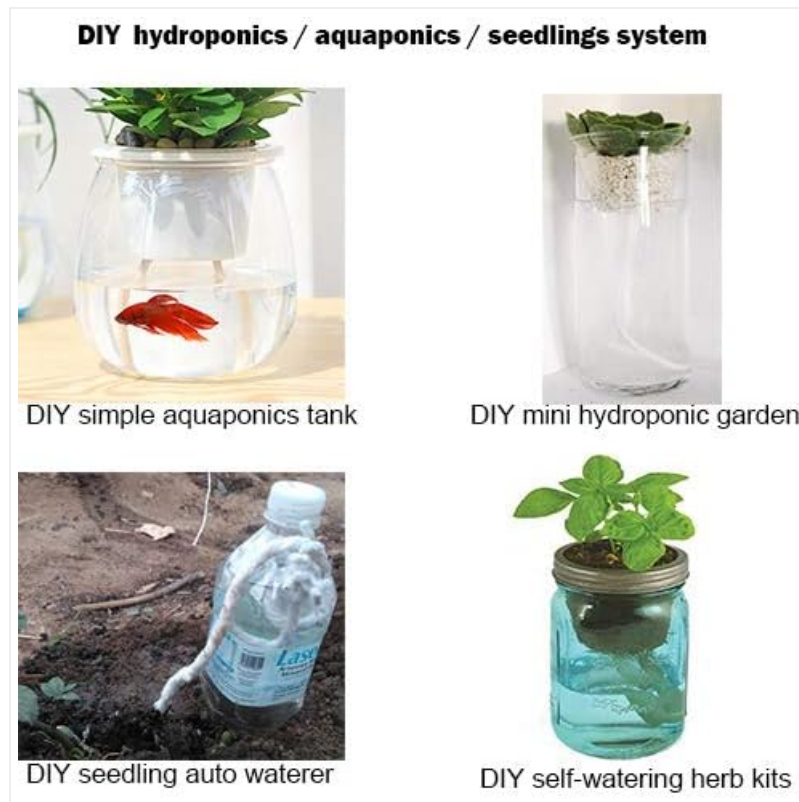


Figure 3.1: DIY Self-Watering System for Indoor and Outdoor Plants. Adjusting the height of the water reservoir relative to the plant pot controls the water flow.



Figure 3.2: Diagram of a Bottom Self-Watering System. This setup allows plants to draw water as needed from a lower reservoir, ideal for consistent moisture.



Figure 3.3: Various Self-Watering Setups. Examples include indoor potted plants and outdoor garden beds using the wick cord.

4. Operating Instructions

Once set up, the ORIMERC wick cord operates automatically. However, you can fine-tune its performance:

- **Monitoring Water Level:** Regularly check the water level in your reservoir. Refill as needed to ensure continuous watering.
- **Adjusting Flow Rate:**
 - **For Slower Flow:** Increase the length of the wick, or place the water reservoir closer to or slightly below the plant pot's level. You can also try adding loose knots to the wick (above the water level) to slightly restrict flow.
 - **For Faster Flow:** Shorten the wick length, or place the water reservoir significantly higher than the plant pot.
- **Nutrient Delivery:** If desired, you can add liquid plant nutrients to the water reservoir for continuous feeding.

5. Maintenance

The ORIMERC Self-Watering Wick Cord is designed for durability and reusability:

- **Cleaning:** The wick cord is washable. If it becomes dirty or clogged with soil over time, gently rinse it under running water.
- **Storage:** When not in use, clean the wick and allow it to dry completely before storing it in a cool, dry place.
- **Longevity:** Made from polyester blend fiber, the wick is resistant to rotting and decay, ensuring long-term performance.

6. Troubleshooting

Problem	Possible Cause	Solution
Wick is not drawing water / Water flow is too slow	Wick not fully saturated; Insufficient height difference; Wick too long; Soil blockage.	Ensure wick is fully pre-soaked; Raise water reservoir higher than plant pot; Shorten wick length; Ensure wick end in soil is clear of heavy blockage.
Water flow is too fast / Plant is overwatered	Water reservoir too high; Wick too short; Plant requires less water.	Lower water reservoir closer to or below plant pot level; Increase wick length; Consider adding loose knots to the wick (above water) to slow flow; Use a smaller diameter wick if available.
Wick appears to rot or decay	Incorrect material (not ORIMERC product); Extreme conditions.	ORIMERC wicks are made of polyester fiber and are designed not to rot. Ensure you are using an authentic ORIMERC product.

7. Specifications

Attribute	Detail
Brand	ORIMERC
Model	50 feet (15.2M) Self-Watering Wick Cord
Length	15 Meters (approx. 50 feet)
Diameter	6 mm
Material	Polyester Fiber
Style	Automatic
ASIN	B07FC2YM7G
UPC	741025250291

8. Safety Information

Please observe the following safety guidelines:

- Ensure the water source used with the wick system is clean and safe for your plants.
- Install the system correctly to prevent any accidental spills or leaks.
- Handle all materials with care during setup and maintenance.

9. Warranty and Support

ORIMERC provides a **90-day guarantee** for this product. If you encounter any issues or require assistance, please contact ORIMERC customer support through your purchase platform for replacement or refund options.