

## Setting explanation:

- 1. Moisture:** Moisture Levels, from 0% to 98% (recommended: 90%)
- 2. Pump Speed:** 3 Pump Speed Levels, High, Medi and Low (recommended: **High**)
- 3. Waterstop:** Water stop period, 4, 6, 8 up to 16 seconds. (Recommended: 8)  
(Water pump will run for this duration, then pause briefly to allow the soil to absorb the water. If necessary, the system will repeat this cycle automatically.)

① **The system enters Sleep Mode after a brief period of inactivity and remains inactive for 6 hours. Press [Wake Up] button to resume operation if required.**

**Blue LED light flashing:** Water tank is empty, prompting the need for a refill.

**Red LED light flashing:** Batteries need replacement.

The system requires battery replacement before functioning. All settings are store internally, ensuring they remain intact even during power outages, eliminating the need for resetting.

② **The system requires either 4 \* AA 1.5V Alkaline Batteries or a USB-C Cable (Not included).**

\* Recommended battery brands: Duracell, Energizer Max.

③ **A water container that accommodates the water pump is necessary (not included).**

Printed in Canada.

## Frequently asked questions:

- **How to do settings and check status?**  
A: Press the [WakeUp] button. ④ ①
- **What kind of battery is needed?**  
A: 4 AA 1.5V batteries. For better results, recommend Duracell
- **How long does the battery last?**  
A: battery can last for a year for normal use.
- **How to do calibration?**  
A: Navigate to Screen 5-Calibration, Leave the sensor in air (completely dry), press OK to capture, A ✓ checkmark confirms saving then, place the sensor in a cup of clean water, press OK to capture, A ✓ checkmark confirms saving.
- **Why is the device doing nothing when it is in sleep mode?**  
A: When asleep, the Cube is completely inactive. It will NOT water your plant, even if the soil is dry or the sensor is exposed to air. It will be inactive for 6 hours, then wakes up by its own to check on the soil moisture. To wake it up, press the [WakeUp] if needed.
- **Why the water flow only works on 'High' pump speed setting?**  
A: We recommend the water pump speed setting always at "HIGH". If the tubing is too long, or if the plant pot is much higher than the water tank, the pump may struggle at low speeds. This makes the water appear to be either too weak or not flowing at all.
- **Can I use wall power instead of the battery?**  
A: Yes. You can use a USB type C cable connected to a 5.0V USB adapter to use wall power or other power source.
- **The device indicate "check water needed" but the water level is full?**  
A: Ensure the soil moisture sensor is correctly positioned relative to the water nozzle. If it's too far away, it may not detect moisture accurately. Position the sensor closer to the nozzle for accurate detection.

## Includes in package:

1. Plantmate Automatic Watering Cube;
2. Plantmate Soil Moisture Sensor;
3. Water Pump;
4. Water tubing;
5. Halo water ring and stick\*3
6. User Guide.

UPC:

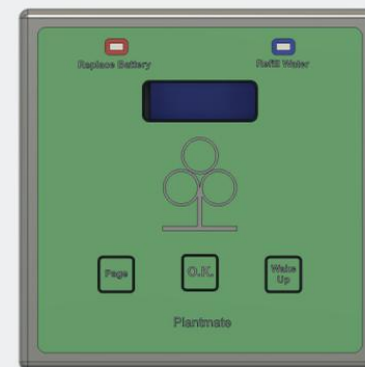


## PlantMate Automatic Watering Cube

### User Guide



Scan to watch how to use the Cube on Video



PlantMate®

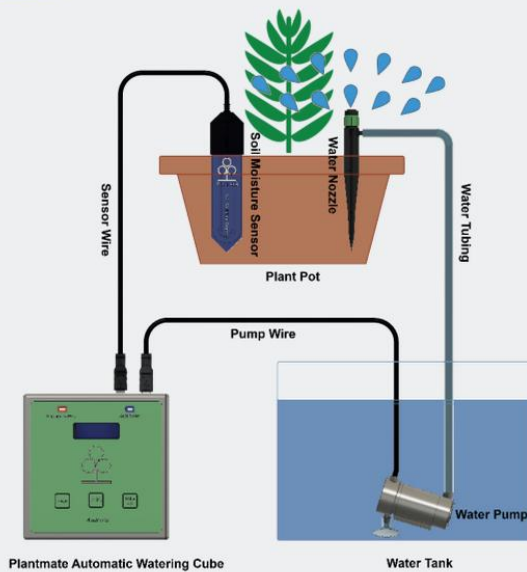
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[www.plantmate.ca](http://www.plantmate.ca)

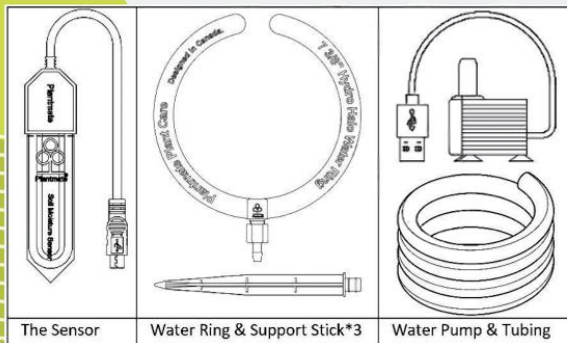
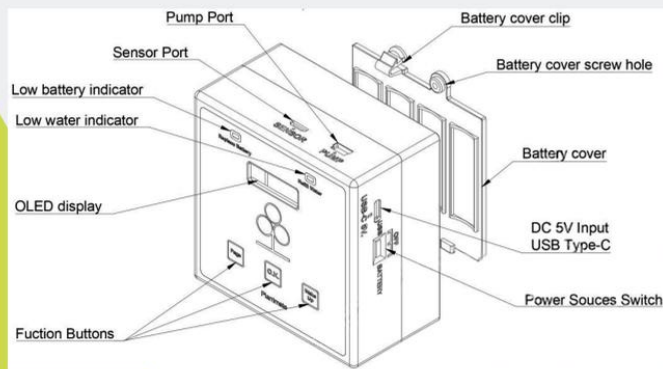
[plantmateinfo@gmail.com](mailto:plantmateinfo@gmail.com)



## The Illustration:



## Notable design features:



**Note:** You cannot adjust settings while the water pump is running. This is because the previous moisture setting may be lower than the real-time moisture detected by the sensor. If necessary, place the moisture sensor into the water during setting adjustments. The water pump will automatically stop when the moisture level reaches 100%.

### Get things ready:

(Water container and Batteries purchased separately.)

1. Have a cloth handy for wiping spills if necessary.
2. Ensure you have a water container that can accommodate the pump. ③
3. Check that the power switch is in the OFF position. Insert 4 AA batteries into the cube (refer to the "How to Replace Batteries" section) or connect a USB-C cable to a USB power source. ②
4. Refer to the illustrations in this User Guide to connect all parts as shown.

### Steps:

1. Insert the 3 sticks into the water ring, then place them into the soil.
2. Position the moisture sensor **close to** the nozzle in the soil. ⑤
3. Place the pump into the water container.
4. Turn on the system by selecting the power source on the power switch.

## OLED Display: ④

It has total 6 screens on the display:

\* Press the **[WakeUp]** button to wake up the display screen if it is off. → Refer: ①

Screen 1:	Battery: 80% Moisture: 75% Raw: 831 [OK] [NEXT]
<b>Battery Level &amp; Real-time Moisture Percentage</b>	
Press <b>[OK]</b> button to Screen 2	

Screen 2:	Moisture: 75% [Page] CHANGE [OK] SAVE
<b>Moisture Setting</b>	
Press <b>[Page]</b> button to make change, <b>[OK]</b> button to save change and access Screen 3	

Screen 3:	Pump Speed: High [Page] CHANGE [OK] SAVE
<b>Pump Speed Setting</b>	
Press <b>[Page]</b> button to make change, <b>[OK]</b> button to save change and access Screen 4	

Screen 4:	Waterstop: 6 sec. [Page] CHANGE [OK] SAVE
<b>Waterstop Setting</b>	
Press <b>[Page]</b> button to make change, <b>[OK]</b> button to save change and access Screen 5	

Screen 5:	Calibration? [Page] SKIP [OK] START
<b>Calibration</b>	
Press <b>[Page]</b> button to skip, <b>[OK]</b> button to start	

Screen 6:	Model: PMWC-01 V02.2 PLANTMATE.CA [OK] EXIT
<b>System Information</b>	
All set, all settings stored in internal memory, it won't be lost even if power is off. Press <b>[OK]</b> button to Exit	