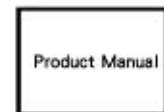


Operation Instruction

Product name	ORTO
Model	HB-001M3
Illumination system	Smart timer
Capacity	6.1L
Light source	LED
Weight	9.2kg
Material	PP、ABS、AL
Power supply	AC100-240V, DC 12V/5A
Power consumption	35w
Planting quantity	14pcs
Dimensions(mm)	(L)446 x (W)346 x (H)417

Package Contents:

- ⊙ ORTO
- ⊙ Planting board
- ⊙ Reservoir
- ⊙ Air-stone
- ⊙ Adapter: 12V/5A
- ⊙ Watermark kit
- ⊙ Mini smart holder *14/ Lid*7
- ⊙ Growing Accessories (Biochar sponges)
- ⊙ ORTO Operation Instruction

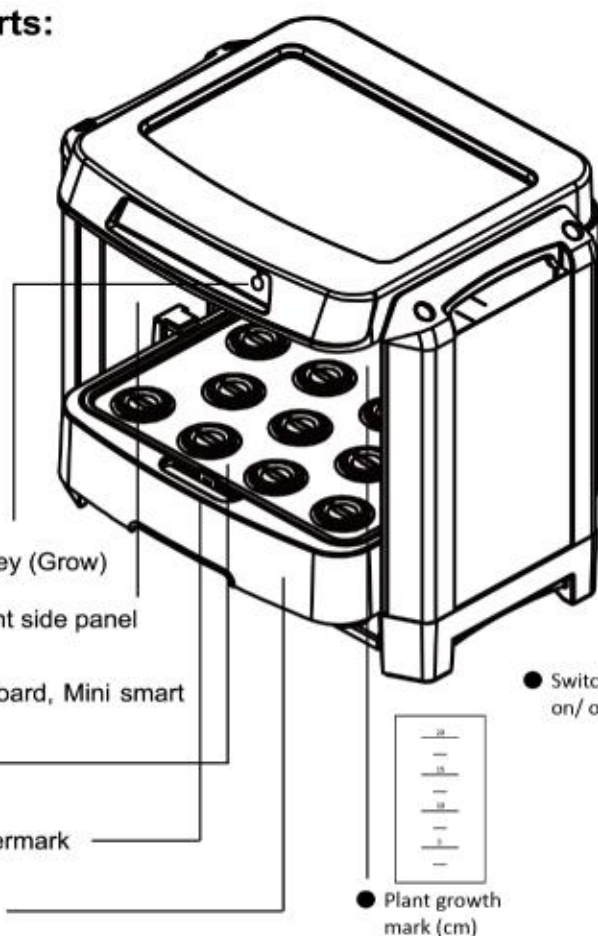


ORTO operation instruction*1



Purpose: To avoid insufficient oxygen, air-stone puts oxygenation into the water of reservoir evenly to keep plant stems healthy.

Main Parts:



- ⊙ Function key (Grow)
- ⊙ Transparent side panel
- ⊙ Planting board, Mini smart holder/ lid
- ⊙ Hole / watermark
- ⊙ Reservoir

● Switch on/off

● Plant growth mark (cm)

Installation and Operation

1. Locate Unit



Locate ORTO unit on a stable desk-top (Carrying loads more than 30 kg).

2. Plug Power Adapter



Be sure to plug the back of power adapter into a power outlet properly. Then the machine can be activated afterwards.

3. Watermark Installation



Follow the steps to assemble the watermark kit, then insert it into the hole.

※ Process 4~11 stages as a planting cycle.

4. Fill the water (water renew)



Fill water approximately 6.1L into reservoir; water level should be at full mark.

5. Add nutrients then stir it well



Add nutrients (liquid or powder) to the water, then stir it well.

6. Place planting board/ Mini smart holder



Place planting board and 14 mini smart holders into ORTO.

7. Insert seeds into growing medium



Put seeds into growing medium. Then it faces upward on the mini smart holder, and wait for germination.

11. Cleaning



Without detergent use, it can be cleaned by sponge and water.

10. Harvest



Harvest depends on crop variety. (The whole, uppermost leaves or budding stalk).

9. Daily care



Refill the water 1~2 times per week.

8. Cultivating



Allowing enough space for the growth, each planting hole should leave one sprout.

Caution:

- ⊙ Do not disassemble, repair or alter machine personally, professional technician excluded.
- ⊙ Do not plug or pull the power plug with wet hands.
- ⊙ Do not apply water to the transformer.
- ⊙ Do not place the machine on the non-weight bearing table, storage shelf, or any unstable placements.
- ⊙ Adding adequate water into reservoir once the machine well located.
- ⊙ Do not sway the machine or perform any body movements.
- ⊙ Do not leave any nutrients easily accessible to children.
- ⊙ Do not drink or eat while using nutrients.
- ⊙ Do not refill extra unknown nutrients or improper fertilizers to our own product's ingredients.
- ⊙ Avoid using the product when the power cord or plug is damaged, or the plug socket connection is loose.
- ⊙ Do not attempt to make transformer or power cords being damaged, processed, bended, pulled, twisted, bound, exposed high temperatures, or applied pressure at the bottom.
- ⊙ The product should be unplugged when not in use for a long period of time.
- ⊙ Nutrients should be stored in a cool and dry place.

Set up smart timer

Press Grow button around 3 seconds, it will be completed till twinkle lights. Meanwhile, the system will put into sleep mode. Afterwards, it will be set up into 8 hours sleep mode everyday when the timing starts.

※ The default setting shows the power start, and the smart timer will be 16 hours in lighting then switch to 8 hours sleep mode cycling.

※ The timing should be reset once the power shut down.

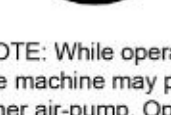
System (lighting/ air pump)



Green light: operating (day mode)



Yellow light: sleep mode



Twinkle light: timing set up success

NOTE: While operating, it is normal when the machine may produce noise through inner air-pump. Operating time: 10mins/hr

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ORTO

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