

# SensiRoom h

## Watering control device



### Complete Set

Unit including socket, cable, plug - 1 pcs.

Humidity sensor - 1 pcs.

Suspended fixture - 1 pcs.

### Technical feature:




Humidity range: 0 - 100%

Watering time: 1 sec - 10 min

Watering interval: 1 min - 10 h

Voltage: 220 - 240 V

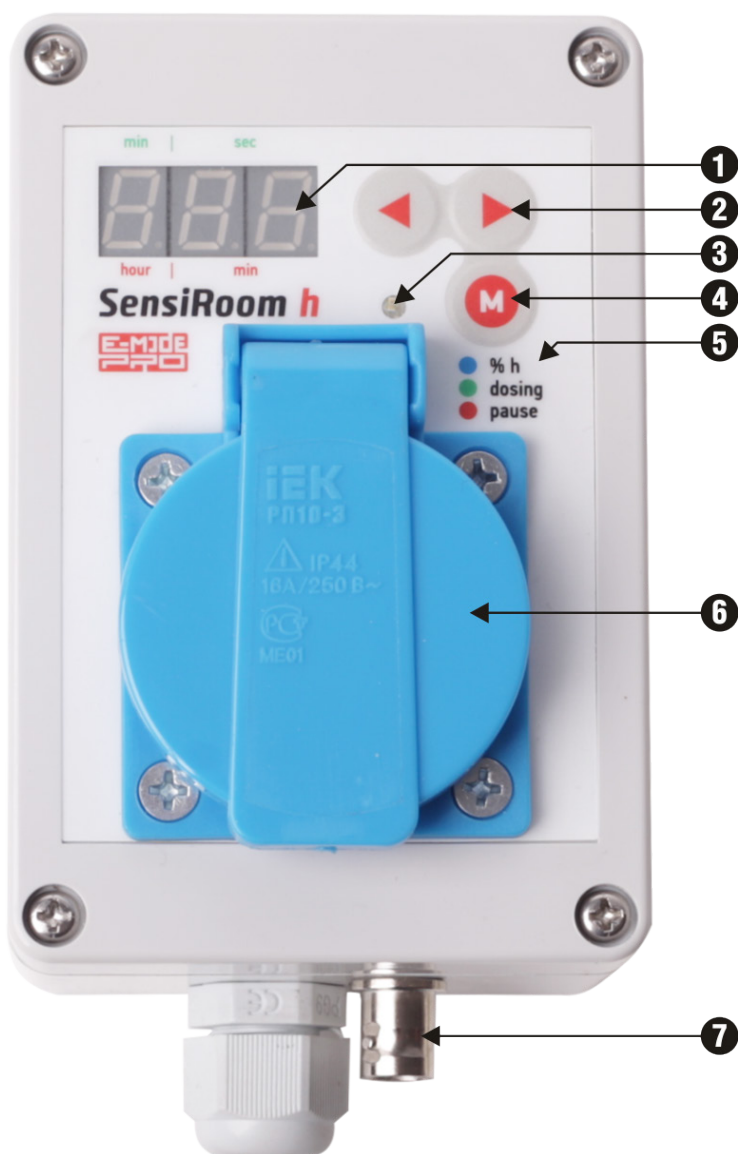
Power output: 1500W

-  Microprocessor control
-  Auto-watering
-  Humidity sensor

Service life : 10 years  
Made in Russia  
Serial number: 0102120

**Content:**

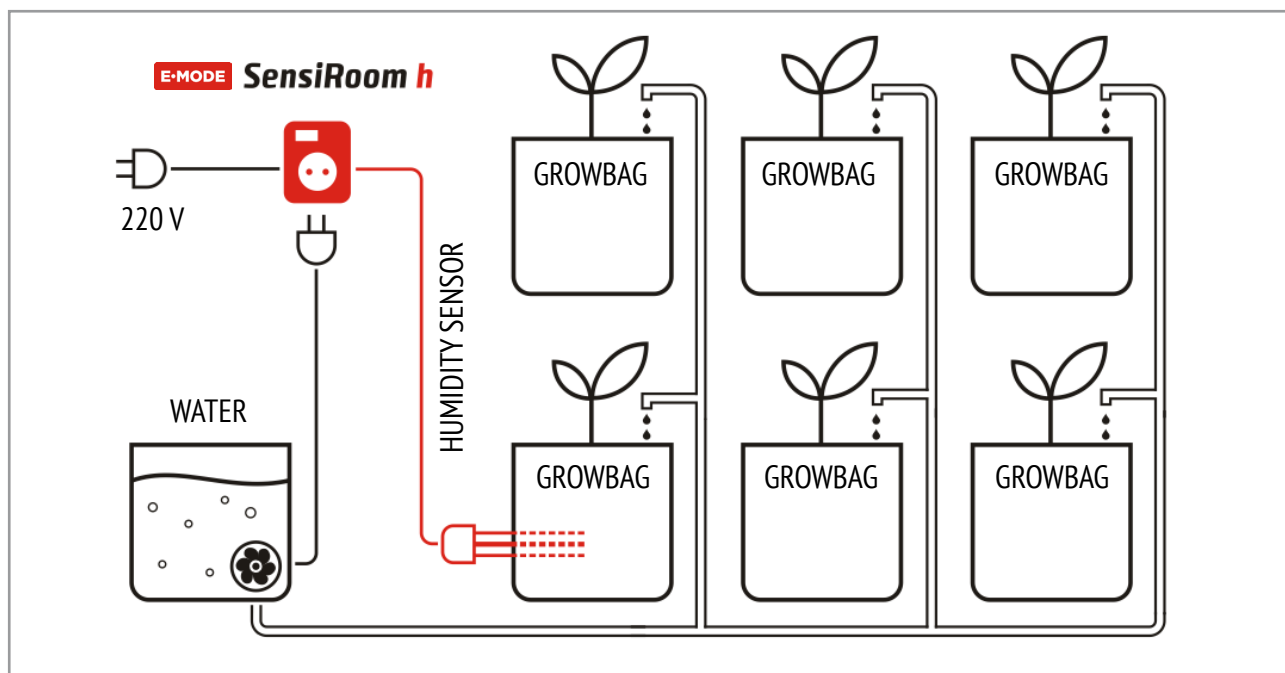
Buttons and parts ..... 2  
 Device connection ..... 3  
 Humidity sensor installation ..... 3  
 Setting humidity level ..... 5  
 Setting watering intervals ..... 5  
 Setting watering intervals ..... 5  
 Settings by default ..... 5  
 Warranty ..... 6  
 Operation conditions ..... 6



**Buttons and parts**

- 1 - Digital display
- 2 - Arrows «Left» и «Right»
- 3 - LED indicator
- 4 - (M) button to enter Setting mode and to save.
- 5 - Diode color in humidity setting mode, dosing time mode, and pause mode.
- 6 - Socket with protective cap
- 7 - Slot for humidity level

**Device connection**



1. Operating mode is on when the device is plugged in (220V).
2. Connect the humidity sensor to the device.
3. Place the humidity sensor into soil (substrate) to see the current humidity level (%) on the display.
4. Plug the pump or electromagnetic valve into SensiRoom h. socket.
5. Setup necessary humidity level, watering time, and watering intervals.

**Humidity sensor installation**

Place the humidity sensor plug into the slot. Then place the sensor into the substrate and setup an optimal humidity level.

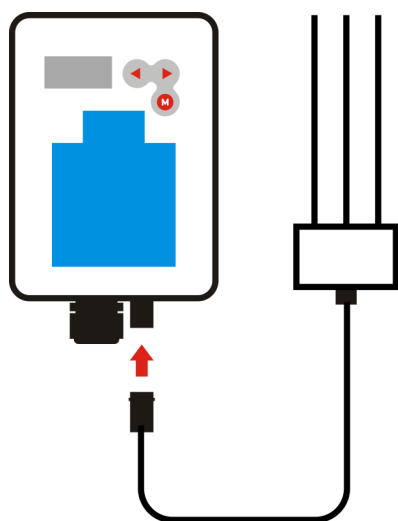
**Read before use**

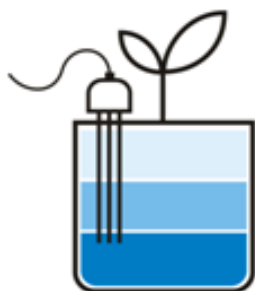
Soil or substrate in a grow bag/pot can be relatively divided into three layers.

1 st – surface layer (it loses moisture very quickly, part of water/solution naturally goes lower to the 2 nd and 3 rd layers).

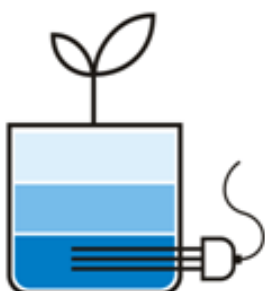
2 nd – interlayer (it is located between the dries and the moistest layers), as a rule root system starts developing right here , and only later in the 1st and 3rd layers.

3 rd – moistest layer, about 30% of water gets there 15 minutes after watering.





Please mind, that the device will show maximum humidity level of the layer available for the sensor. The objectivity depends on the depth the sensor is placed at. In this case the device displays the humidity level where middle and lower layers border.



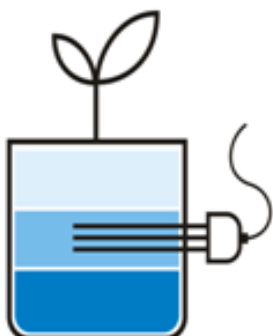
The lower layer is the moistest. At the beginning, when the root system is not developed, it is recommended to water plants in grow bags more often, but doses should be less.



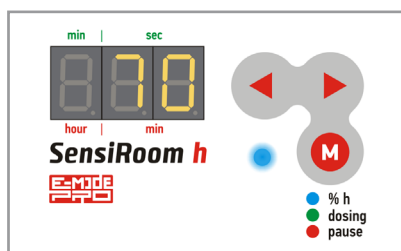
This position of the sensor will display the humidity level of the 3rd layer. Mind it when setting the parameters. Do not set minimal humidity level when watering mode operates if the sensor is in the lower (moistest) layer. It will lead to over-drying.



And vice a versa, do not set maximum humidity level when watering mode operates if the sensor is in the surface (driest) layer. It will lead to overwatering.



Optimal way: sensor is placed into the 2nd layer, humidity level is about 60-70%, when watering mode starts operating.



### Setting humidity level

Humidity level of a substrate is its moistening degree.

Press (M) button once to enter humidity setting mode. The led indicator turns on blue.

With ← and → buttons setup humidity level: 0 - 100%, when watering mode should start operating.

Press (M) button again to save the setting and turn to watering time setting.

### Setting watering time

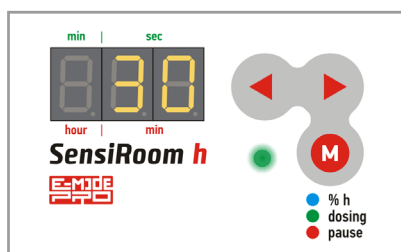
Watering time is a time period when the device supplies the pump/electromagnetic valve with power.

Press (M) button twice to enter watering time setting mode. The led indicator turns on green.

Watering time is setup in seconds and minutes: 1 sec – 10 minutes.

With ← and → buttons setup minutes and seconds of watering period.

Press (M) button to save the setting and turn to watering intervals setting.



### Setting watering intervals

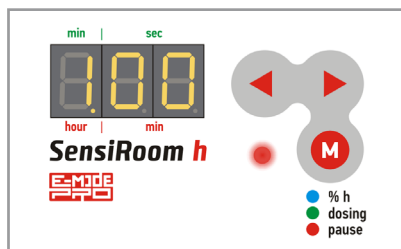
Watering interval is a time period for the substrate to soak up nutrient solution.

When this period is over the device take measurement of a current humidity level to compare it with a setup data and if necessary starts watering again.

Press (M) button three times to enter watering interval setting mode. The led indicator turns on red.

Watering interval is setup in minutes and hours: 1 minute – 10 hours.

With ← and → buttons setup minutes and hours of watering intervals.



### Settings by default

- Humidity level - 70%.
- Watering time - 30 sec.
- Watering interval - 1 hour.

The device waters during 30 seconds, if the humidity level is below 70%. Watering is repeated in an hour, if the humidity level is below 70%.

**Warranty**





Warranty period: 1 year since the day of purchasing.

Free service and warranty repair is carried out by the specialists of E-mode laboratory.

The address of the authorized service center: Russia, 614099 Perm, Dzerzhinskii Str. 59, office 405.

The warranty is valid in case the operation conditions are complied with and there is a seller's stamp with the date of purchasing.

**Operation conditions**

-  Operation temperature (of the environment): 0°C - 45°C.  
Operation humidity level: 0% - 90%.
-  The device is not waterproof, protect it from moisture.
-  Use voltage regulator to avoid power surges in the mains.
-  Keep the device and its spare parts out of reach of children.

Sale date/stamp \_\_\_\_\_

Serial number \_\_\_\_\_