



YOMAGINE

Automatic Plant Waterer 2

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Located at: <http://www.youmagine.com/designs/automatic-plant-waterer-2>

Excerpt:

So the DIY Auto Plant Waterer that I first tested worked quite well (See: <https://www.youmagine.com/designs/diy-auto-plant-waterer>). I can get about 1 week+ of auto watering to my fairly large potted plant. This is a revised design which I am also testing since the first one worked so well.

Description:

I started off with mostly dry potting soil, so a lot of water was used initially from the container before an appropriate moisture level of the soil was reached before it established a good equilibrium. (I have also read somewhere that it is recommended that you water your plant and wet the wick first to prevent the initial large water use when using the "wicking" method).

Please take into consideration the size of the plant and pot to determine the appropriate amount of water and size of bottle needed. I was able to get 5 days of watering when the bottle reached a little less than 1/2 of its holding capacity (1.89 L bottle)

I have now tweaked my initial design a bit, in an effort to make it less clunky looking. Changed the look of the nozzle end for the wick and the overall width of the device. I added a cap, in case you want to close the top off.

I have also included a few different sizes and types of container/ bottle adapters and an extension tube. You might want to tweak the adapters if it does not fit your container. I have attached my 3d ipt files.

Additional materials needed:
1. A long wick made from an absorbent material like cotton which, should be the length from the soil (I'd say about 4 cm deep into the soil if you want) through the tube of the plant waterer into the container holding the water (touching its base).
2. A water container such as a large bottle or similar with a neck (for attaching the auto plant waterer).
3. and of course water!

Previous working test design: <https://www.youmagine.com/designs/diy-auto-plant-waterer>

If you can, please use the online documentation found at <http://www.youmagine.com/designs/automatic-plant-waterer-2> because those may have been be updated. Also, there you can interact and provide praise and/or feedback.