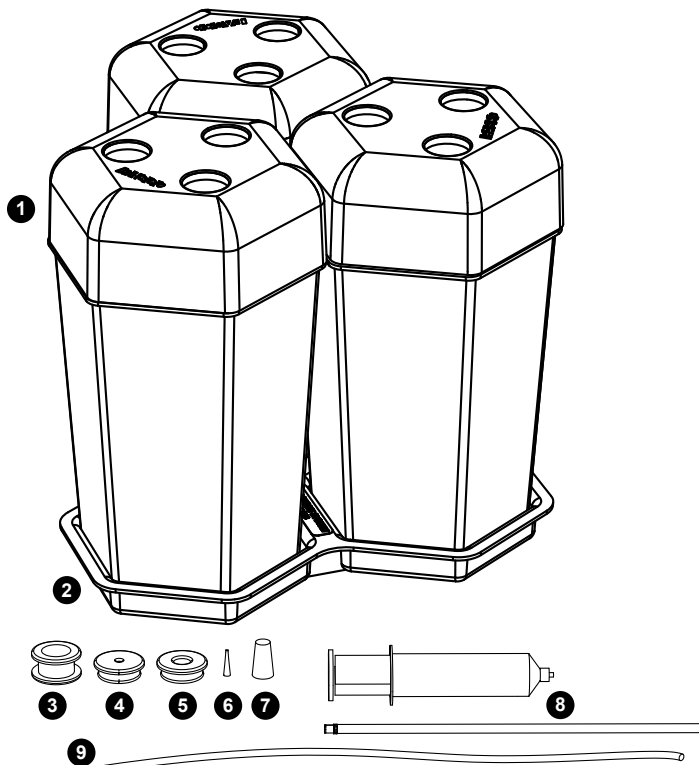


What's included



- 1** 3× EcoChamber with lid
- 2** EcoZone Tray
- 3** 3× Grommet
Use for coupling the EcoChambers.
- 4** 6× Stopper, single, small hole
Use for inserting a small diameter probe, such as a temperature sensor probe.
- 5** 8× Stopper, single, large hole
Use for inserting a large diameter probe, such as the pH sensor probe.
- 6** 6× Stopper, #000000
Use for plugging the single, small hole stopper.
- 7** 8× Stopper, #00
Use for plugging the single, large hole stopper.
- 8** Syringe and plastic tubing
Use for sampling water, replenishing water, and injecting pollutants.
- 9** Cotton rope, 900 cm
Use for wicking moisture between chambers.

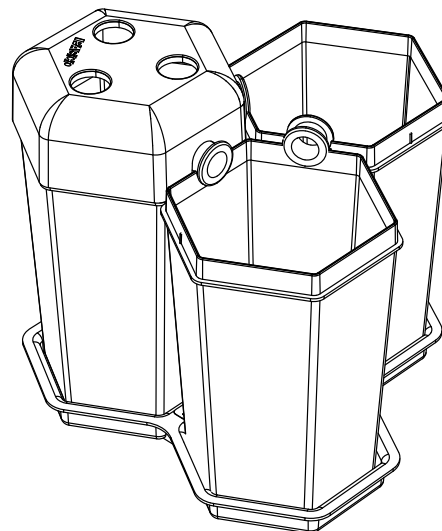
About the product

The EcoZone System is designed to help students model and understand the complex interactions within and among different ecosystems. The EcoChambers are designed to accommodate PASCO sensors, making qualitative and quantitative measurements as easy as visual observation.

Students can measure many aspects of the traditional ecosystem: terrestrial, aquatic, and decomposition chambers. Students can also use each chamber individually by decoupling the chambers and constructing a single biome. The EcoZone allows the system to remain closed, which allows for measurements to have a minimal impact on the system. Environmental science probes can be used to actively measure variables in the ecosystem model. A syringe and tubing are included to extract water for chemical testing, replenished water without opening the system, and inject pollutants for chamber manipulation.

Setup

1. Place each EcoChamber into the EcoZone tray.
2. Connect the EcoChambers using the rubber grommets.
3. Place the lids onto the EcoChambers, lining up the open arches at the bottom of each lid with the rubber connection grommets on the chambers.



A cotton rope is included to allow for efficient wicking of water from the aquatic chamber to the other chambers. Be sure that the wick covers each chamber sufficiently. Lay the wick underneath the plants both under and over the plants in the terrestrial chamber to ensure that plants receive sufficient water. Use approximately 1 meter of rope.

Note: The wick in contact with soil may decompose over a period of weeks. You may need to check and replace it periodically.

The wick is very efficient at moving water through the chambers. Do not use more than one strand or you will deplete your aquatic chamber and flood the other chambers. It is not necessary to completely submerge the wick in the aquatic chamber. Only a small amount of rope at the surface is needed to move the water. Test the wick first to determine how much is needed for your situation.

Experiments

Download one of several student-ready activities from the PASCO Experiment Library that use the EcoZone System. Experiments include editable student handouts and teacher notes. Go to pasco.com/freelabs/ME-6668 to access the files.

Specifications and accessories

Visit the product page at pasco.com/product/ME-6668 to view the specifications and explore accessories. Experiment files and support documents can also be found on the product page.

Technical Support

Need more help? Our knowledgeable and friendly Technical Support staff is ready to provide assistance with this or any other PASCO product.

Phone (USA)	1-800-772-8700 (Option 4)
Phone (International)	+1 916 462 8384
Online	pasco.com/support

Warranty, Copyright, and Trademarks

Limited Warranty

For a description of the product warranty, see the Warranty and Returns page at www.pasco.com/legal.

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