



# Mesocosm Bench

This unit is a tide simulator designed for marine biology research related to wetland environments. The specialized bench can come in any form or shape needed. The bench shown here features the following elements:

- 6 ft wide x 10 ft long, can hold up to 10,000 lbs, limited only by floor loading capacity,
- Holds up to 6 inches deep of wet sediment plus up to 12 inches of salt-water,
- Hydraulically operated adjustable bench angle,
- All wet parts made of 316 stainless steel,
- Insulated sediment basin and main tank below basin,
- 2 tide-like modes of operation, each with adjustable peristaltic pump speed,
- Full computer control or manual control,
- Water temperature control,
- 2-years warranty.

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