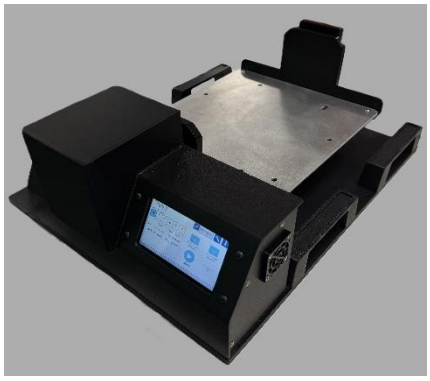
Heavy Duty RoboRocker™

Specification Sheet

Description:

The Heavy Duty RoboRocker™ is a programmable rocker, ideal for 3D cell and organoid culturing in plates along with instrumentation such as a microscope, and can be used in CO_2 incubators. This rocker can also be used for other applications which require rocking heavy loads. Programming the speed, tilt angles and pause times and operation are simple with intuitive controls on a large graphics touch screen. This rocker facilitates gravity driven perfusion to occur at the desired flow rate and duration in several culture plates simultaneously. The RoboRocker is ideal for maintaining a constant flow rate of media/fluids for microfluidic platforms in cell culture incubators. It is versatile for other applications as well.

The RoboRocker has more flexibility in tilting, speeds, and pauses, to better mimic in vivo conditions than any other rocker on the market! You can program it to do most anything.



The Heavy Duty RoboRocker can travel gently and support a full-size microscope. A communication link can be set up so that images are taken when the microscope is level or at a desired angle.

Features:

- Compatible in a cell culture incubator
- Continuous operation of a programmable cycle which includes:
  - Up to 4 programmable tilt angles in each rock cycle.
  - Programmable speed to each tilt angle.
  - Programmable pause can be set or bypassed for each angle, from 1 second to 90 minutes.
  - Capable of extremely slow rocking – up to hours per degree of travel, for example, to maintain constant flow rate, compensating for the liquid level retreating in the reservoir.
- Store up to 6 programmable cycles.
- Tilt range: ± 15 degrees.
- Pause times: no pauses, or from 1 second to 1-1/2 hours.
- Speed range: from 1 cycle per week to 40 full cycles/minute.
- Large graphics touch screen with simple and intuitive interface.
- Extensively tested to operate inside a CO_2 incubator.
- Made in USA.

Specifications:

Power: 24V DC, 60-Watt UL/CE external power supply.

Platform: customized for your application.

Weight: 15.8 lb. (7.1 kg).

Dimensions: 15 inches (38 cm) wide, 18.5 inches (47 cm) deep, 7.5 inches (19 cm) high.

Weight Capacity: 22 lb. (10 kg), centered on platform. Can be customized for heavier loads.

Operating Environment: +4°C to +40°C, up to 10% CO2, up to 90% RH, non-condensing.

Warranty: 1 year.

Certifications: CE

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