



## IFlowRocker™



**IFlowRocker** is a programmable rocker specifically designed for the perfusion culture of *IFlowPlate*, *AngioPlate*, and *UniPlate*. It supports bi-directional perfusion with IFlowPlate and AngioPlate, and uni-directional perfusion with UniPlate. Engineered for long-term use in CO<sub>2</sub> incubators, the rocker is compact, versatile, and easy to operate. Users can program speed, tilt angles, pause times, and other settings through an intuitive interface on a large graphical touchscreen.

This system enables gravity-driven perfusion at precise flow rates and durations, accommodating

multiple culture plates simultaneously for high-throughput applications. When paired with UniPlate, the IFlowRocker delivers an *in vivo*-like unidirectional recirculating flow of both culture media and immune cells, representing the only commercially available system that offers gravity-driven unidirectional perfusion culture.

To learn more, please visit [www.organo-biotech.com/posters](http://www.organo-biotech.com/posters).

## KEY FEATURES

- **MIMIC IN VIVO CONDITIONS:**  
Set angles and pause times to control the flow of the media.
- **INCUBATOR SAFE:**  
Support long-term use in CO<sub>2</sub> cell culture incubators.
- **ROCK IT YOUR WAY:**  
Program any combination of angles, speeds and pause times, including assymmetric rocking, for any flow conditions you want.
- **RELIABLE:**  
The rocker will run for years.
- **LARGE CAPACITY:**  
5 kg (11 pounds), on platform. Platform with optional stacking shelf (2nd level) can hold up to 12 plates.

Detailed instructions for use are available on [www.organo-biotech.com](http://www.organo-biotech.com)

## Specifications

<b>Product code</b>	B001
<b>Power requirement</b>	24 VDC; 2.5 Amp
<b>Operating relative humidity</b>	5 – 90% non-condensing
<b>Operating temperature</b>	4 - 40°C
<b>Altitude</b>	<2000m
<b>Storage temperature</b>	-40 to 50°C
<b>Programing capability</b>	Continuous operation of a programmable cycle which includes: <ul style="list-style-type: none"><li>• Up to 6 programmable tilt angles (depending on the model).</li><li>• Programmable speed to each tilt angle</li><li>• Programmable pause can be set or bypassed for each angle, from 1 second to 90 minutes.</li><li>• Tilt range up to <math>\pm 30</math> degrees.</li><li>• Pause time from seconds to 1-1/2 hours</li><li>• Uni-directional perfusion when used with UniPlate</li><li>• Bi-directional perfusion when used with IFlowPlate/AngioPlate</li></ul>
<b>Compatibility</b>	Works with IFlowPlate, AngioPlate, and UniPlate,
<b>Operational space requires</b>	+/-30 degrees tilt with single shelf: minimal height of 20 cm; 37.5cm of width; and 39cm in depth
<b>Weight of equipment</b>	4kg
<b>Load capacity</b>	5kg, can hold 6 plates with optional stacking shelf (2nd level) that can hold additional 6 plates
<b>Warranty</b>	1 year
<b>Certification</b>	CE