

# 3D Clinostat

Portable Microgravity Simulator

PMS-V

## Overview

The 3D Clinostat is a device that provides constant rotational speed to samples mounted on the sample stage by two-axis control.

By changing the orientation of the sample before responding to the gravity, effects of the gravity on the sample are reduced. It is an easy and useful method to investigate the behavior of the living things under the simulated micro gravity environment especially for slow gravity response samples like plants/cells.

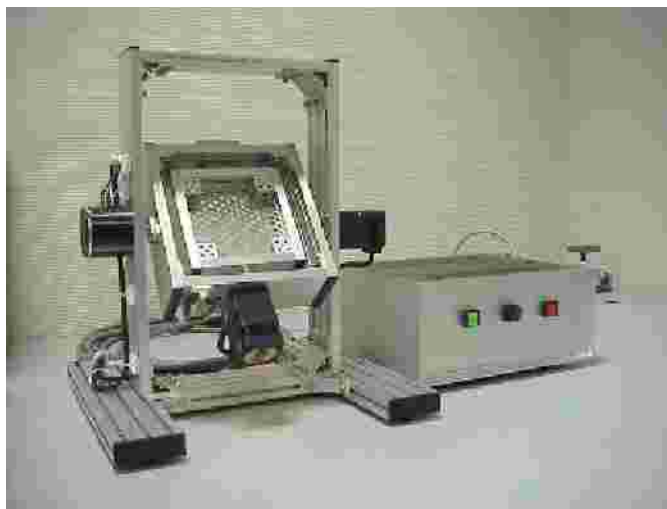
The 3D Clinostat makes your microgravity experiment easier and cheaper.

## Features

Two-axis control makes uniform dispersion of the gravity orientation.

- Changeable rotation speed for X/Y axis independently. (by using Windows PC)
- Small enough to conduct an experiment in an incubator.

## Specifications (PMS-V)



### 【Body】

- Type : Biaxial 3D Clinostat
- Dimensions :
  - Body : (W)330 x (D)306 x (H)363mm
  - Sample Stage: (W)50 x (D)90 x (H)50mm (x2)
- Maximum Sample Weight : 0.5kg (x2)

### 【Controller】

- Rotation Speed Range: 0 to 20rpm
  - ü controlled for X/Y axis independently
  - ü 32 combinations of X/Y rotation speed can be stored in the memory. (Two can be assigned for selector switch on the controller)
- Dimensions : (W)260 x (D)230 x (H)109mm
- Power Supply: 100VAC 50/60Hz

\* Specification can be adjusted upon your request. Please feel free to contact us for customization. The product appearance is subject to change without notice.

## Sales Representative

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