

Installation and Operation Instructions



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Orbital Motion Tray

Introduction

The Orbital Motion Tray is designed to be used in the upper chamber of the HM-4000 Multidizer™ Hybridization Oven to provide continuous movement of the tray for thorough mixing of samples.

Specifications

Part Number: 98-0067-01
Maximum Load: 3 lbs.
Rotation Speed: 25s/10 cycles up to
4.5s/10 cycles at 1 degree
Dimensions: 10.3"W x 8.2"D x 4.5"H

Installation

To install the Orbital Motion Tray:

1. Open the upper chamber door.
2. Remove the center roller. Ensure front and back rollers are in place.
3. Position the tray base over the rollers so that the coupler arm is positioned to the right of the tray.
4. Slide the coupler arm onto the silver and black connector located on the right side of the chamber.
5. While firmly pushing the tray base to the right onto the connector, turn the Upper Chamber Control **Power** and the **Motor** switches **ON** with the motor control set just above **MIN**. The coupler arm will lock onto the connector.

To remove the Orbital Motion Tray:

1. Push the tray base to the right against the coupler arm/connector.
2. With the **Motor** and **Power OFF**, rotate the coupler arm towards you until it releases.

Operation

Place flasks or other instruments on the tray.

Turn **Motor** and **Power** switches **ON**.

Turn the motor control to adjust the variable speed from **MIN** to **MAX** for thorough mixing of samples.

