



OPERATING INSTRUCTIONS  
VARIABLE SPEED TUBE ROCKERS  
MINI – Model #280150  
LONG – Model #282000

**CAUTION:** Read Instructions before operating this device.

**Product Information:**

The Boekel Variable Speed Tube Rockers are designed to provide a gentle rocking motion for uniform mixing of fluids in small collection tubes up to 120 mm in length.

**Installation:**

The Variable Speed Tube Rockers must be placed on an appropriate flat surface such as a bench top. Be sure to provide adequate clearance around the unit to allow the tray to move freely through its motion. The Mini Tube Rocker can be placed in a cold room or in an incubator up to a maximum temperature of 40°C. Connect the Mini Tube Rocker to the AC/DC adapter, the adapter to the main power supply and the power cord to power supply outlet. When moving the unit always carry the unit by the base, carrying the unit by the tray could result in damage to the unit.

**Product Operation:**

This product is designed so that the tubes can be placed directly on the silicon rubber tube mat provided with the unit without additional strapping. The On/Off switch is located on the front of the unit, along with the RPM knob. Each model is equipped with a safety-stop feature. In the event that the platform becomes obstructed, the unit will automatically stop rocking and reverse the platform motion, stopping at a resting position. To reset either unit from a safety-stop condition, place the On/Off switch in the Off position, remove the obstruction, and then place the On/Off switch on the On position to resume rocking action.

**Maintenance:**

**CAUTION: Always unplug the unit from the power source before any cleaning. Do not immerse the unit in water. Do not resume using until it has had time to dry.**

The Variable Speed Tube Rockers do not require maintenance. Cleaning should only be done using a damp cloth and mild detergent. The silicon rubber mat can be removed and cleaned with soap and water or autoclaved. Spilled liquids should be promptly cleaned to prevent damage to the unit and its finish. Always follow safe laboratory practices.

## Product Specifications:

RPMS	Model # 280150 Model # 282000	5 – 25 RPM 5 – 25 RPM
Overall Dimensions	Model # 280150 Model # 282000	W: 8.6" D: 4.7" H: 5" W: 15.0" D: 5.0" H: 5"
Tilt Angle	Model # 280150 Model # 282000	Fixed at 35° Fixed at 35°
Tube Capacity	Model # 280150 Model # 282000	8 Tubes – max 120mm in length 18 Tubes – max 120mm in length
Load Capacity	Model # 280150 Model # 282000	Max 1.8 lbs Max 3.6 lbs
Power	Model # 280150 Model # 282000	12v dc, 0.5A via 100/240 V AC Adapter 12v dc, 0.5A via 100/240 V AC Adapter

## Warranty:

When used in laboratory conditions and according to these operating instructions, Boekel warrants this product to be free of defective material and workmanship for a period of two years from the date of manufacture. The liability of Boekel for any defective equipment during the warranty period shall be limited to the repair of such equipment or replacement thereof without charge for parts or labor.

## Service:

It is required to obtain a Returned Material Authorization (RMA) number before any Boekel products are returned for any reason. A Decontamination Certificate must be completed, signed by the user, and returned to Boekel Scientific prior to receiving the RMA number. Please consult the manufacturer or his agent if there is any doubt about the compatibility of decontamination or cleaning agents. Please be sure to mark the outside of the returned goods package with this RMA number to ensure prompt handling.

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