



User Instructions

Instruction Notes for Bench Top Shaker

General

The Bench Top Shaker provides thorough mixing via a reciprocating shaking action. The shaking action circulates liquid alternately forward and backward for thorough and effective mixing. This shaker is capable of handling loads up to 10 lbs. Variable motor speed from 0 to 125 revolutions per minute. Furnished with lighted power switch, circuit breaker and 3-wire cord.

Various interchangeable glassware holders and racks, sold separately, are available for the shaker. The racks and holders are held to the head of the shaker with the triangular knobs provided. A jam nut and lock washer is provided with each knob. The load needs to be balanced.

The shaker has a weight of approximately 48 lbs. Place the shaker in the space on the bench allowed for it. The shaker may walk depending on the weight of the load and the intensity of the shaking action. (If walking does occur, holes are provided in the base plate for bolting down and locking the unit in place if the user so desires or if the lab is so equipped). The shaker will fit easily in most fume hoods.

Operation

Make sure all glassware holders are secured to the shaker head and all glassware is secured within the glassware holders. Turn the power switch to the OFF position and turn the motor knob to 0. Plug the line cord into the appropriate 3-wire receptacle.

Turn the power switch ON. The lighted power switch indicated power to the unit. Turn the motor control knob until the desired shaking action occurs. The knob range is from 0 to 100 percent and will vary the shaking from 0 to 125 strokes per minute. When the shaking is complete, turn the power switch to the OFF position. The glassware and holders may now be handled safely.



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Control Features

- 1.) **SPEED POSITION KNOB:** This allows adjustable speed of the shaker.
- 2.) **ON/OFF POWER SWITCH:** For power to shaker.
- 3.) **CIRCUIT BREAKER:** The shaker circuit is protected against overloads with a 2-amp circuit breaker.

Always use proper safety equipment when stirring, for example, gloves, glasses, etc. Read and follow instructions that are supplied with your shaker. Use of a shaker for an alternate purpose or alteration of shaker construction features such as electrical connecting devices, may cause unsatisfactory performance and the warranty to be voided.

Your shaker requires very little maintenance. Keep it clean and avoid spills. Inspect the motor brushed occasionally (with the power cord disconnected) to make sure that they have not worn excessively. Do not use if electrical cords are worn or frayed.

Visit our website for shaker holder attachments.

Spare Parts

Spare parts for Glas-Col shakers are generally available from the factory. Consult Glas-Col for parts and numbers.

Limited Warranty

Please refer to the current Glas-Col warranty policy on the Glas-Col website at www.glascol.com.