

Safe Installation and Use of Laboratory Shaker

Safe Installation

- 1 The equipment must be installed as described in the user manual. If installation guidelines are not followed, equipment damage and personal injury can occur.
- 2 Do not attempt to lift the Shaker by yourself.
- 3 Put the shaker on a level table or bench that is capable of supporting the weight of the shaker and all associated accessories.
- 4 Place the shaker near an electrical outlet that matches the unit nameplate requirements.
- 5 Ensure clearance around the unit for free air convection and free movement of the platform.



Orbicult™ Ambient Shaker

General Safety Points Requirement

- 1 Do not operate the Shaker beyond the specified ambient temperature for operation.
- 2 Do not operate the shaker without the platform installed.
- 3 Only qualified and trained laboratory personnel are allowed to operate the equipment.
- 4 Laboratory Personnel should wear appropriate clothing, safety gloves and face mask to ensure safety while working with microbiological cultures and chemicals.
- 5 Immediately turn off and inspect the equipment when smoke and burning occurs.
- 6 Disconnect the power cord from the power supply during power/operation interruptions to avoid accidents.
- 7 Products that are flammable should not be used as the equipment is not explosion proof.
- 8 Loose clothing, hair, and body parts should not come into contact with the rotating part of the equipment.
- 9 Do not overfill the flasks. Excessive fill volume can cause damage to the shaker drive assembly.



Orbicult™ Incubator Benchtop Shaker

General Maintenance

- 1 Always turn off the Shaker and disconnect the power cord from the power supply before performing any maintenance on the Shaker.
- 2 Use a cloth dampened with water or any standard, household or laboratory cleaner to wipe down the Shaker's outer surfaces.
- 3 Cleaning of external and internal surfaces of the equipment should be done weekly.
- 4 General Inspection of electrical wirings, control system and tightness of hinge screws on hood's moving parts of the equipment should be done yearly.
- 5 Perform appropriate decontamination procedures as needed if any biologically hazardous material has been spilled on or inside the equipment.

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