

شرایط محیطی مورد نیاز برای نصب دستگاه
Dry Block Incubator

Installation and maintenance information

Warning

Dry Block Incubator has been tested and found to comply with safety limits regulations. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their expense. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. It is strongly recommended the user to read carefully the following points before this equipment is operated.

1. Read and follow carefully the manual instructions.
2. Do not alter the equipment. Failure adhered to these directions could result in personal and/ or laboratory hazards, as well as invalidate equipment warranty.
3. Disconnect from power supply before maintenance and servicing. Refer servicing to qualified personnel.
4. Do not use in the presence of flammable or combustible material; fire or explosion may result. This device contains components, which may ignite such materials.
5. Refer maintenance and servicing to qualified personnel.
6. Ensure that the system is connected to electrical service according to local and national electrical codes. Failure to properly connect may create a fire or shock hazard.
7. Ensure the appropriate used materials and correct operation to avoid possible hazards of explosion, implosion or release of toxic or flammable gases arising from the materials being heated.
8. Always use the supplied handle to remove hot blocks, and wear appropriate protection to avoid burning your hand.



ATTENTION: Hot surface!

11. The unit is operated Only by qualified personnel.

Safety Information

Use the high level of precautions against any electrical device. Before connecting with the electrical supply, check the supply voltage is within the range stated at the rating label, and this device must be earthed. Place the unit in a safe and dry location and **MUST NOT** touch things in the surrounding. Also do follow the safety precautions for chemicals / dangerous materials, and Hot Surface. If needed, please contact a qualified service representative.

Avoiding Electrical Shock

Follow the guidelines below to ensure safe operation of the unit.

The Dry Block Incubator has been designed for use with shielded wires thus minimizing any potential shock hazard to the user. Kiagen recommends against the use of unshielded wires.

To avoid electrical shock:

1. It must be dried out for a period of time, at least 2 hours, and restore it to **NORMAL CONDITION** before the operation.
2. **NEVER** connect or disconnect wire leads from the power jacks when the power is on.
3. **WAIT** at least 5 seconds after stopping a run before handling output leads or connected apparatus.
4. **ALWAYS** make sure that hands, work area, and instruments are **clean** and **dry** before making any connections or operating the equipments.
5. **ONLY** connect the power cord to a properly grounded AC outlet.

Avoiding Damage to the Instrument

1. Do not attempt to operate the device if damaged.
2. Protect this unit from physical damage, corrosive agents and extreme temperatures (direct sunlight etc).
3. For proper ventilation and safety concerns, leave at least 10 cm of space behind the instrument, and at least 5 cm of space on each side.
4. Do not operate the Dry Block Incubator in high humidity environments (> 95%), or where condensation may occur.
5. Before using any cleaning or decontamination method except those recommended by the manufacturer, users should check with the manufacturer that the proposed method will not damage the equipment.