

HIMEDIA[®]

HiGlassBead Sterilizer[™]

New



- ▶ Safe usage - no open flames, fumes, gases
- ▶ Dry heat sterilization at 250°C ± 5°C
- ▶ Fast, effective decontamination
- ▶ Low power consumption
- ▶ GMP compliance



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HiGlassBead Sterilizer™

Introduction :

Dry heat sterilization of metal instruments (e.g. forcep, scalpel, scissor, loop etc.) is a common laboratory practice. Conventionally dry heat sterilization is done using gas burners / spirit lamps, which are highly hazardous to the user and its surrounding environment. HiMedia's HiGlassBead Sterilizer™ provides an easy, safe and effective method for dry heat sterilization. HiGlassBead Sterilizer™ is very convenient to use over alcohol or flame for sterilizing metal instruments used in aseptic plant tissue culture /microbiological work in seconds.

Guidelines For Use :

1. Place the unit on laminar flow bench with smooth surface to avoid wobbling.
2. Fill the crucible with glass beads upto 5mm from the rim.
3. Connect to mains and turn "On" the switch. Unit is preset to achieve and maintain temperature range of $250 \pm 5^{\circ}\text{C}$ and is ready to use in 30 mins after initial "On"
4. Insert clean working end of the metal instruments into the glass bead crucible for immediate sterilization.
5. The unit can be left "On" all day if desired as constant temperature will be maintained.
6. **Note** : Instruments can be sterilized even when the 'TH' indicator light is 'ON' (After the initial heat up time of 30 minutes.)
7. When unit is no longer in use, switch off and allow to cool for 45 minutes.

Technical Specifications :

- | | |
|-----------------------------------|--|
| 1. Model | : LA715 |
| 2. Product name | : HiGlassBead Sterilizer™ |
| 4. Cabinet size (LxBxH) | : 150mm X 155mm X 225 mm |
| 5. Cubical brass size | : 50 mm Diameter X 137.5 mm Depth |
| 6. Preset temperature range | : $250^{\circ}\text{C} \pm 5^{\circ}\text{C}$ |
| 7. Initial stabilization time | : 30 Mins |
| 8. Weight (Inclusive glass beads) | : 4.13 Kg |
| 9. Power consumption | : 50 units (for 25 working days) |
| 10. Wattage | : 250 W single phase |
| 11. Input | : 220V/50Hz or 110V/50Hz |
| 12. Performance validation | : Validation of dry (Glass bead) Sterilizer, Spore Suspension Test, US Pharmacopoeia XXI part 1211 |



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