

TECHNICAL SPECIFICATIONS- INSPISSATOR

- Built of rust-proof stainless steel polished sheet.
- Inside chamber, body and water bath made of stainless steel to prevent rusting.
- All internal and external parts should be made from polished stainless steel sheets.
- Inside chamber approx. dimensions: 60cm x 58cm x 92 cm. Outside body: 76cm x 71cm x 135cm.
- Four heavy-duty lockable 360-swivel castor wheels mounted on the base.
- Three stainless steel wired trays provided to hold media bottles. To provide slope to media, an adjustable mechanism fitted to the trays that can change the angle is must.
- Inspissation capacity: Standard McCartney Universal media bottles is approximately 450 bottles in three trays with single layer of bottles in each tray. Capacity can be increased to 600 by loading more bottles in each tray in two-three layers.
- Two water heaters: 1.5 kW each running at 220-240 VAC, 50/60Hz. Two spare heaters are provided additionally for emergency use in case of failure of one of the working heaters.
- Temperature control range is from 5°C above ambient temperature to 95°C.
- Heat up rate from 25°C to 85°C is approximately 1 hour.
- Temperature is adjustable by the user in resolution of 1°C. Temperature display accuracy is ±0.6°C.
- Accuracy of inner temperature deviation is better than +/- 0.7°C.
- Microprocessor based controller for automatic control and regulation of temperature and time.
- LCD display indicating the set and actual values of temperature along with the status of heater.
- Timer should be adjustable from 0 - 24 hours, in intervals of 1 minute.
- Heavy duty cascaded relays should be used to switch on-off the heaters. Circuit breaker also incorporated to ensure operator safety in case of fault in earth line of mains electric supply.
- Optional Water level sensor that automatically & immediately shuts off heater and gives an audio and visual alarm when water level falls. An over-temperature device attached to the unit should give an audio and visual display alarm when the temperature crosses 95°C.
- Should be as per WHO standards.
- ISO and CE Certified .

- 5 year warranty & 5 years LSC (with spares),
- A six monthly visit of service engineer / year ~~for~~ in warranty period
- Any consumable / Accessories required to Run the Equipment should be included with standard.
- 95% upwork time is mandatory,