

## **YORLAB® ULTRA LOW TEMPERATURE DEEP FREEZER (-80°C)** **Model No.: YSL / YSI-273**



### Specifications:

- Ultra Low Temperature Deep Freezer (-80°C), ideally Suited for Laboratories, Research and biological and industrial applications etc.
- Ergonomically designed compact, elegant Ultra low temperature deep freezers upright model having heavy duty cascade type air cooled refrigeration system and hermetically sealed compressors with very low noise level
- CFC, HCFC Free refrigerant
- Vertical type
- Digital Temperature displays.
- Storage Capacity 100, 200, 300, 400, 500 Ltrs.
- Microprocessor controlled operation (Optional) data recorder for recording of 7 days temperature
- Programmable microprocessor PLC based temperature controller with touch screen & interface.
- Audio visual alarm warning for power failure, open door, deviation of interior temperature and defective temperature sensors.
- Temperature range -80°C
- Cascade with two compressors.
- Polyurethane insulation : 150mm thick

- Stainless steel interior
- Provided with 2/3/4 stainless steel shelves/ standard compartments and provided with inner doors.
- Programmable Upper and lower Alarm limits
- Battery backup for alarm and display.
- Arrangement to prevent low pressure or vacuum.

### Refrigeration System :

- Heavy-duty maintenance free refrigeration system with hermetically sealed refrigeration compressors and reliable cascaded refrigeration to minimize noise and vibration.
- Air-cooled with security lock to prevent unintentional switch off.
- Short cooling time of 4 to 5 hours at 30°C ambient temperature.
- The equipment is of continuous duty and frost-free. (Optional) Provision for CO<sub>2</sub> safety backup system in case of power failure.

### Power Supply

- 220/240 Volts, 50Hz, single phase