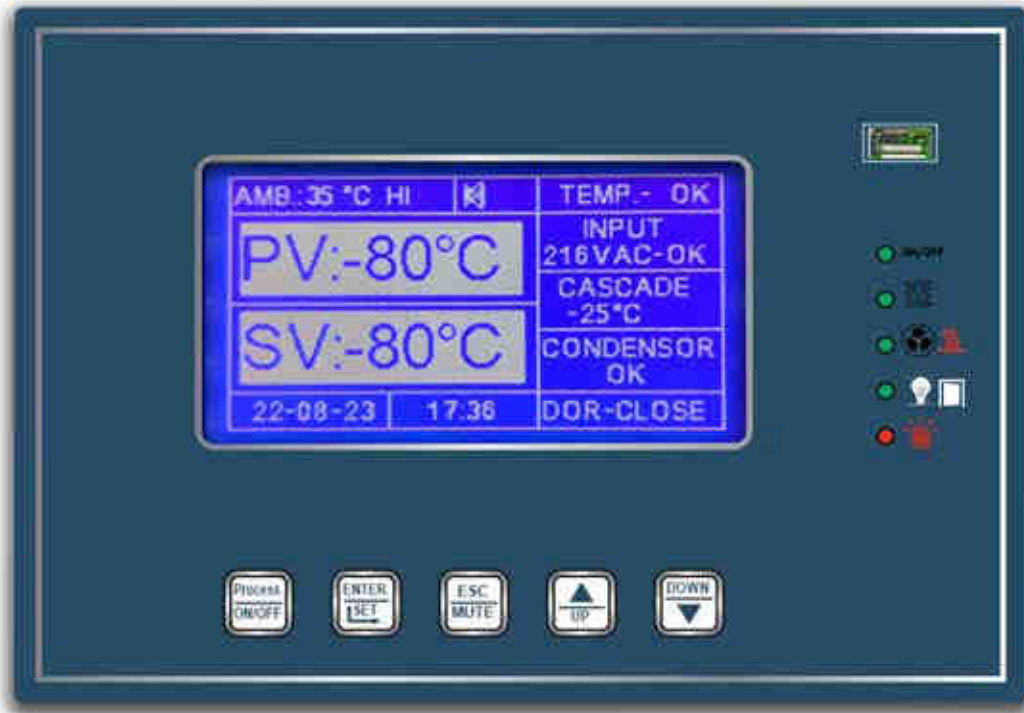


Ultra Low Deep - Freezer

Descriptions

The "Ultra-Low Deep freezer Controller" is a micro controller-based system designed for precise temperature control in ultra-low environments. With a range of features including high accuracy, CO₂ injection, and a secure user interface, it ensures reliable performance in critical applications, supported by a 11.1V Li-ion battery for extended backup.



Features

- Micro controller-based automated control system.
- Display Type : 5 Inch Graphics Screen
- Tailored specifications available to meet individual requirements.
- On-board sensing with 2 PT100 sensors.
- Settable temperature range: -20.0 to -90.0 °C.
- Temperature List Count: 0.1 °C.
- Real-time date and time display.
- USB data transfer facility and also having on-screen detection.
- CO₂ injection for backup temperature maintenance with display indication.
- Backup of 2000 log entries.
- 11.1V Li-ion battery with about 15 hours backup at full charge.
- Password-protected settings with user and service modes.
- Sensor fails alarm for both.
- LED indicators.
- Audio Alarm
- Alarm Mute Options.
- Door open alarm.
- Audio and visual alarms for high & low temperatures.
- User interface button for parameter access and settings.

*** Customization Available***