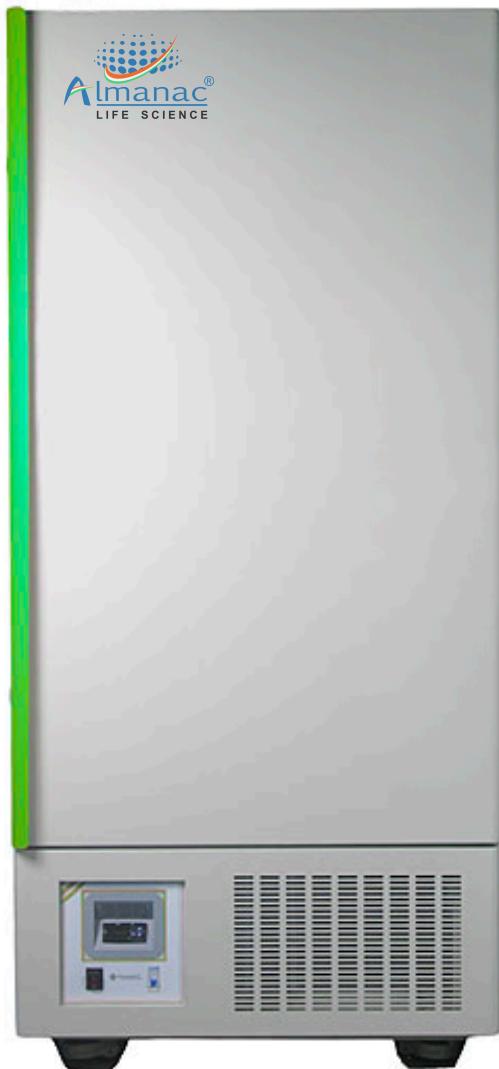


DEEP FREEZER (-80°C)

ALS-INS062

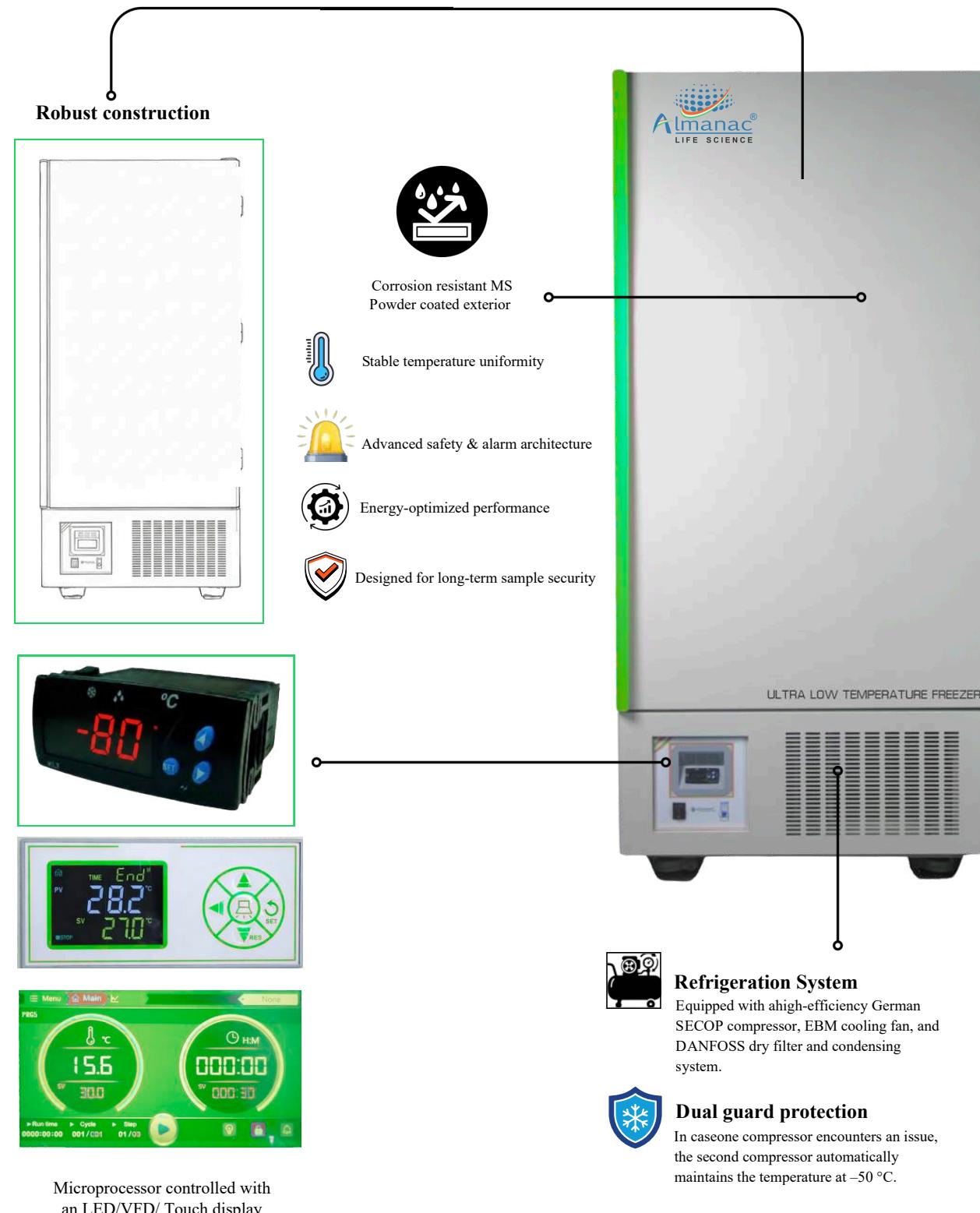


Registered Office: 43-B, 3rd Floor, Okhla Village Jamia Nagar, New Delhi - 110025, India.

E-mail : instruments@almanaclife.com | **Web :** www.almanaclife.com

Landline No: 011-43506838 | **WhatsApp No:** +91 9773645708

ENGINEERED FOR SAMPLE INTEGRITY AT -80°C



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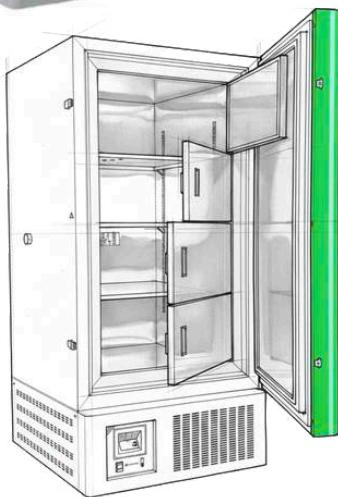
Landline No: 011-43506838 | **WhatsApp No:** +91 9773645708

WHY CHOOSE ALS-PRO SERIES



Available standard sizes

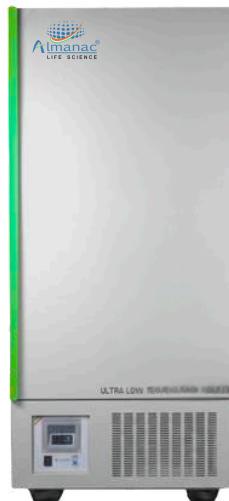
210L, 508L and 700L All types of customizations available



210L



508L



700L

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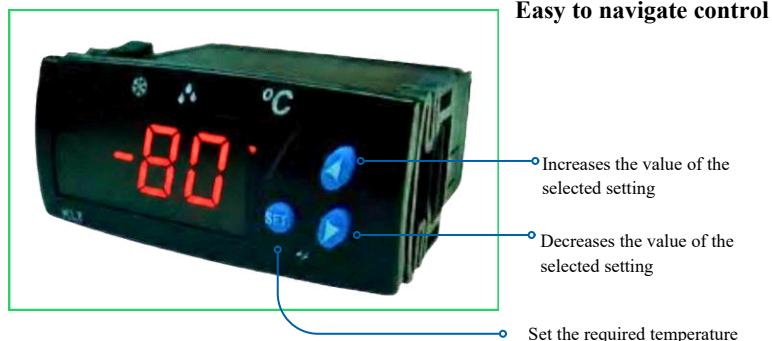
Landline No: 011-43506838 | **WhatsApp No:** +91 9773645708

CONTROLLER AND MONITORING SYSTEMS

2200 Series

Easy to read alerts

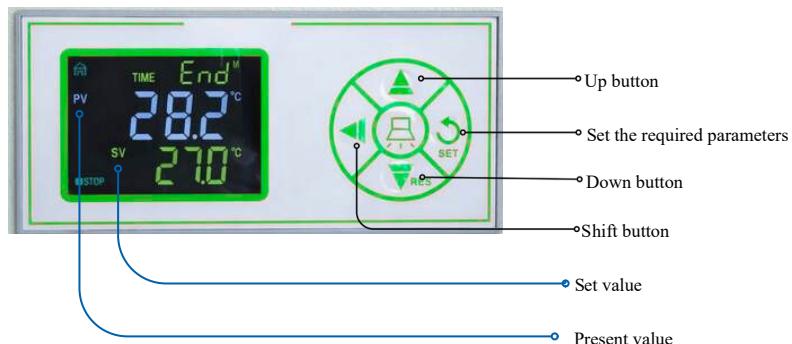
- Err = Memory Error A1H = High
- Temperature Alarm 1 A1L = Low
- Temperature Alarm 1 A2H =
- High Temperature Alarm 2 A2L
- = Low Temperature Alarm 2
- ALE = External Alarm 000 =
- Open Probe Error --- = Short-Circuit Probe Error



2200+

Safety & Alarm systems

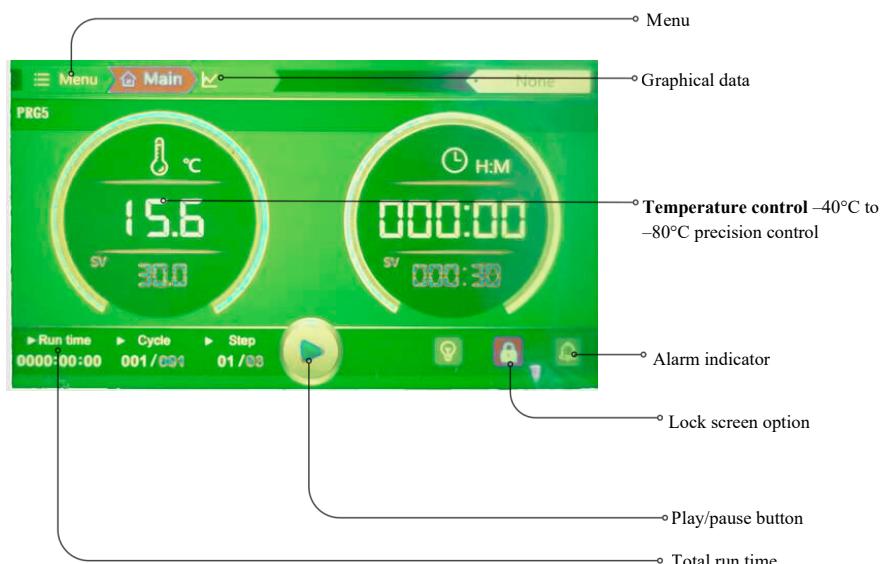
- High / low temperature alarm
- Audible + visual alerts
- **VFD Read out:** For bright characters and wide viewing angle
- Simultaneous display of SV and PV value



2400 Series

Safety & Alarm systems

- High / low temperature alarm
- Power failure alarm
- Sensor error alarm
- Audible + visual alerts
- Restart delay protection after power failure



TECHNICAL SPECIFICATION

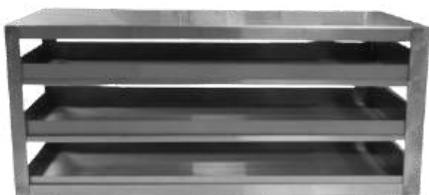
PARAMETER	Specification
Controller	Microprocessor LED/VFD/Touch display
Temperature Range	-40°C to -80°C
Cooling Type	Direct Cooling
Refrigerant	Mixed, CFC free
Insulation Thickness	150 mm
Power Supply	220V / 50Hz
Power Consumption	9.8 kWh / 24h
Noise Level	Low-noise operation
Climate Class	N
Alarm Type	Audio / Visual

ORDERING INFORMATION

Model	Description	Unit
ALS-210ULT	The 210 L ultra-low temperature freezer (-80 °C) is supplied with three stainless steel shelves, power cord, cryo gloves, ice scraper, 5 kVA voltage stabilizer, and a user manual as standard accessories.	1
ALS-508ULT	The 508 L ultra-low temperature freezer (-80 °C) is supplied with three stainless steel shelves, power cord, cryo gloves, ice scraper, 5 kVA voltage stabilizer, and a user manual as standard accessories.	1
ALS-700ULT	The 700 L ultra-low temperature freezer (-80 °C) is supplied with three stainless steel shelves, power cord, cryo gloves, ice scraper, 5 kVA voltage stabilizer, and a user manual as standard accessories.	1

TECHNICAL SPECIFICATION

Accessory	Order Code
Backup Battery (8 hrs alarm support)	ALS-DF-BAT
USB Data Logger	ALS-DF-USB
Chart Recorder	ALS-DF-REC
SMS / Remote Alarm Module	ALS-DF-SMS
Additional Shelf	ALS-DF-SHELF
Temperature Validation Sensor	ALS-DF-VALID
IQ/OQ Documentation	ALS-DF-IQOQ
Racks for 12 boxes	ALS-DF-RACK



Racks



Chart Recorder



USB Data Logger



SMS / Remote Alarm Module