

# DEEP FREEZER (-20°C)

## ALS-INS074



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## DESCRIPTION

The Deep freezers (-20°C) provide an ideal freezing environment for advanced medical and industrial applications. These freezers offer unrivalled cold storage protection for valuable samples and materials and maintain an internal temperature of -20°C. The refrigerators have a Manual-defrosting device with a highly efficient microprocessor for easy operation with minimum space. These are widely used in scientific research labs for long-term storage of critical samples, offering exceptional temperature uniformity with excellent sample protection.

## KEY FEATURES

### High-Tech Insulation Design

- Combines advanced panel insulation with eco friendly, water-blown foam for optimal thermal efficiency and maximum sample-to-vial storage capacity.

### Eco-Friendly Refrigerants

- Operates on CFC/HCFC-free refrigerants, ensuring powerful cooling with minimal environmental impact.

### Intelligent Control System

- Equipped with a PID microprocessor-based controller for precise temperature regulation and reliable performance.

### Defrost Function

- Equipped with a manual defrost function, allowing users to initiate defrosting as needed to maintain optimal performance and prevent ice build-up.

### Corrosion-Resistant Construction

- Durable and hygienic design with rust-resistant interior and exterior surfaces.

### Incident Monitoring System

- Audible alarms alert users to any operational abnormalities, ensuring maximum sample protection.



## TECHNICAL SPECIFICATION

Model no.	ALS-250DF	ALS-350DF
Drawer	6	8
Cooling Method	Direct Cooling	Direct Cooling
Defrost	Manual	Manual
Refrigerant	R-600A	R-600A
Power Consumption (24h)	160W	170W
Ambient Temperature (°C)	10~32°C	10~32°C
Temperature Range (°C)	≤ -20°C	≤ -20°C
Voltage/ Frequency (V/Hz)	220V/50Hz	220V/50Hz
Capacity (L)	250	350
Exterior Size (WxDxH)(mm)	515 x 620 x 1300	595 x 552 x 1720
Accessories (Optional)	Lock	Lock