

How to Identify a Reliable Freezer

Which features should you look for in your next Ultra-low Temperature (ULT) Freezer?

Volumes

Check for volumes in liter scale or box number scale

Gaskets

Flat and flexible for optimal closing and lowest icing

Door handle

Ergonomically designed door handle for easy access to samples

Energy savings

Check the consumption of the freezer per day in KWh at -80 °C

Compressor systems

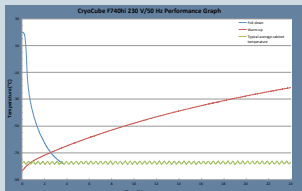
Proved two-stage compressor systems for long-term working conditions

Racks

Freedom to operate with freezer boxes up to 136 mm in diameter

Insulation

Polyurethane foam is standard, Vacuum Insulated Panels are recommended for safe sample storage



Warm up times

After a power failure, the freezer needs to keep the samples cold as long as possible

Interface

Display to be located at eye-level for easy reading

Vent port

Manual or even automated vent port for quick re-access to samples

Door recovery time

Time to reach standard temperature of -80 °C after opening the freezer door; the shorter the time, the safer your samples

Heavy duty castors

If needed, the freezer has to easily be moved to a new position

Filter access

Easy access to filter enables regular cleaning, resulting in better performance

