

A new controller from Gram BioLine

HELIX

Key features

Where precision meets intuition

- Full width glass front
- 4.3" touchscreen with decimal precision
- Integrated data logger with SD card expansion
- Event log with filter and export
- USB export — no proprietary software required
- Optional battery backup up to 72 hours
- Chart view and condition monitoring
- Visual and audible alarms
- Designed and manufactured in Denmark

Biostorage demands more than temperature control — it demands confidence. HELIX is the next generation of biostorage control.

Precision touch, decimal accuracy, integrated data logging and optional battery backup — all in a purpose-built interface designed to be understood at a glance.

Developed by Gram BioLine in Denmark, HELIX sets a new standard for how biostorage equipment should feel to use.



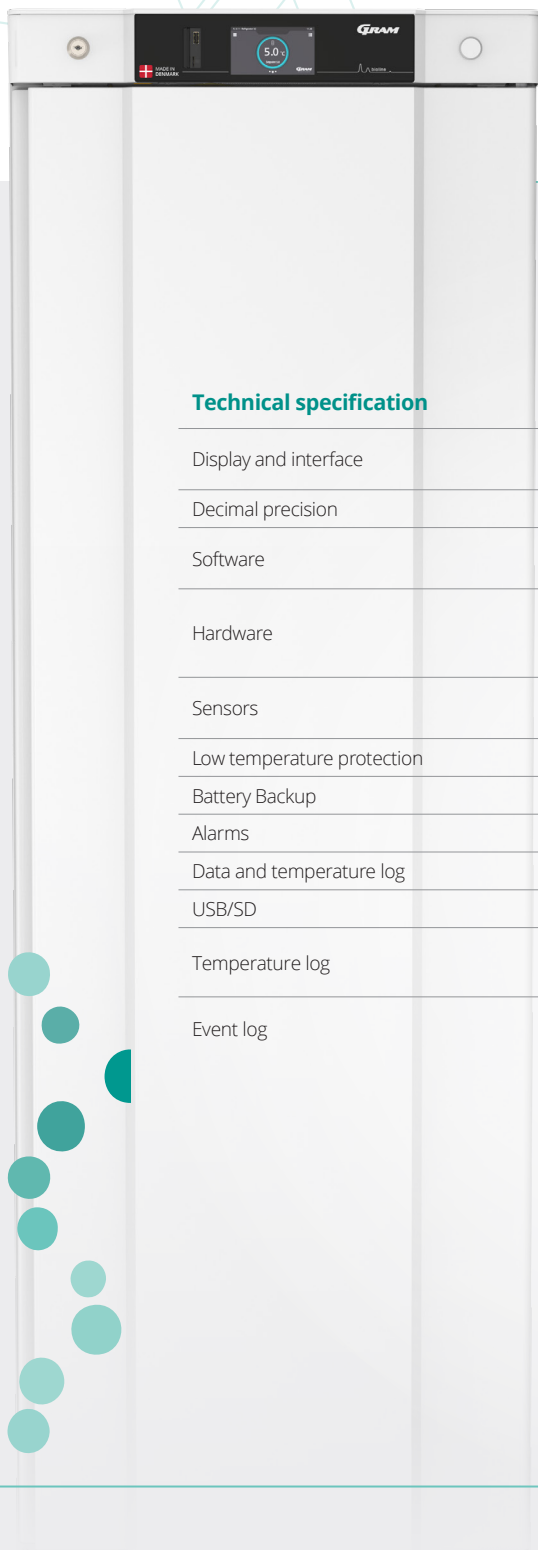
**TOUCHSCREEN
BATTERY BACKUP
DATALOGGER
USB**

Designed for precision in demanding environments

— critical information always visible, always accessible.

Wide viewing angles and a seamless glass front make HELIX easy to read and effortless to clean.

Precision by design



HELIX

Key features

Technical specification

Display and interface	High-resolution 4.3" IPS TFT touchscreen display with wide viewing angles. Optically bonded to a full-width glass front for a touchscreen display and easy cleaning.
Decimal precision	Decimal digits for setpoint and displayed temperatures.
Software	Modular and layered software architecture ensuring a high degree of operational functionality. Intuitive interface with the most important features and settings at your fingertips.
Hardware	Industrial-grade professional components, designed and developed by Gram BioLine for maximum reliability and redundancy. Modular hardware architecture to ensure the highest possible degree of operational functionality.
Sensors	PT1000 temperature sensors for accurate temperature control and monitoring along with sensors for condition monitoring. Each temperature sensor can be individually offset.
Low temperature protection	Optional low-temperature protection, including independent safety sensor.
Battery Backup	Optional battery backup, including 72-hour or 12-hour battery pack.
Alarms	Internal and external alarms: High and low temperature, door, and technical safety alarms.
Data and temperature log	Data and temperature log for safe documentation of performance and operational data.
USB/SD	Ports for data export and external memory storage.
Temperature log	Continuous temperature logging stored in internal memory, with SD card expansion for added capacity.
Event log	Prioritised log of alarms, door openings and system events with filter, acknowledge and export functionality.

23032026