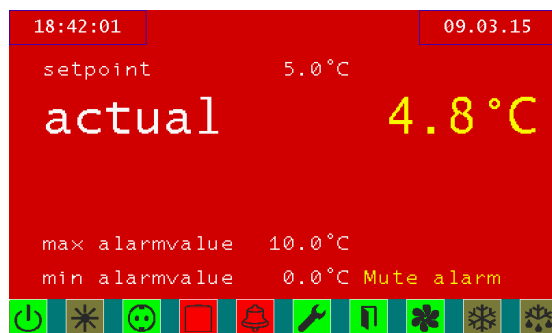


- Touchscreen Display, size 12,5 cm (5")
- PT1000 temperature sensor for better temperature control accuracy
- Digital temperature setting and display with an accuracy of 0.1 °C
- Power supply of 100-240V, 50-60Hz
- Password protected to prevent manipulations
- Data import/export via USB or Ethernet

Alarm



- Noticeable optical alarm signaling by red / blue flashing screen
- Audible alarm
- Mute the audible alarms, with continuous warning indication on the display and automatic return after 3 minutes when the alarm situation still exists
- Alarm acknowledgment with password protection

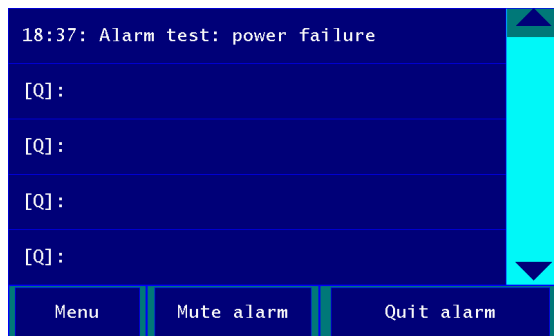
Acoustic and optical alarm indication when

- High and low temperature (variably adjustable)
- Door open - alarm, (adjustable)
- Power failure
- Temperature sensor failure
- Defrost-time transgression (variable adjustable)
- Optional: cooling machine monitoring with overheat protection

Touchscreen-Temperature Controller

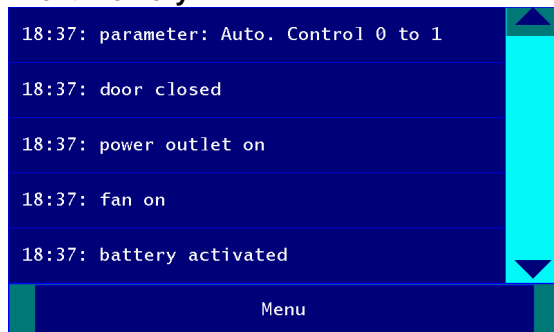
TC 2015

Alarm memory



For the last 100 alarm conditions, with the possibility of review on the display and archiving the data via USB or Ethernet. Memory can not be deleted.

Event memory



In the event log all the operations of the controller are saved, such as:
 - Doorways
 - Parameter changes
 - Cooling equipment function, etc.

Storage for approximately 4 weeks, with the possibility of review on the display and archiving the data via USB or Ethernet

Graphical display of the temperature profile in the display

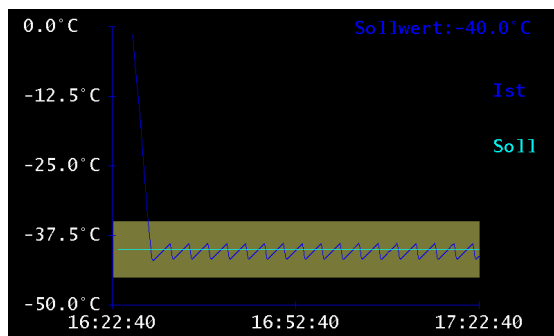
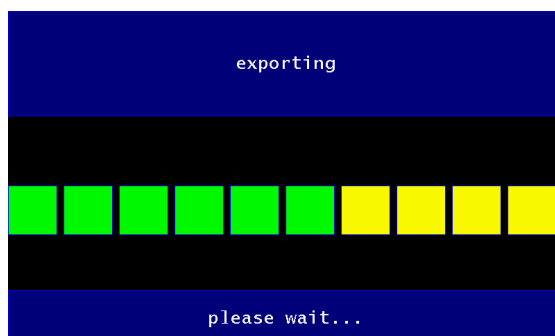


Illustration of the actual value and if requested of the product sensor on the display and archiving via USB or Ethernet. View period freely selectable

Alarm limits will be shown with a coloured band. Is the actual value leaving the alarm border, the coloured band turns into red

USB Export



To export the existing log-data, alarm- and eventlist an USB-stick has to be plugged in the front connector. Apart from the temperature, further values, such as. Door opening, alarms, parameter changes, etc. stored internally.

- **Network Connection**

connection status	connected
IPv4-address	192.168.10.215
MAC-address	00:50:C2:06:03:45
network share	yes
Menu	

At the TC2015 2 pcs. Ethernet ports 10/100 Mbps available. This interface can be accessed directly on the log data of the controller to import in the software.

- **NO/NC contact**

Alarm signal time delayed (adjustable)

- **Language:** English / German, other languages on request

- **Maintenance message:** Notification that maintenance should be carried out.

- **Test facilities** for Alarm limits and battery charge status

- In the housing of the temperature regulator there are all relevant components for using the cabinet. Plug-in connectors of the electrical supply pipes enables a **service friendly exchange**.

- **Optional**

- Battery Module

In case of power failure self-contained supply of the temperature controller with a powerful battery. All control functions are saved for about 72 hours.

- 0..20 mA Output

- WLAN-Module

- Interface, RS 485 (galvanically isolated)

- Software

This software enables you to check at a glance several cooling units. It was designed to be user friendly and enables you to process your data in an intuitive manner.

- Alarm system

- Independent product sensor for reference measurement

- Product protection against low temperatures. By dropping below the setpoint value, the cooling machine will switched off