











Product Information

Controller Upgrade Kit for Temperature Chambers

CTA- 337873

Temperature Chamber					
Eurotherm Controller series					
Eurotherm Service security	No	No	No	No	Yes

Overview of Eurotherm controller series and service assurance

Why use a controller upgrade kit for a temperature chamber?

The single-channel controllers from the 2400 and 2200 series as well as 902 / 818 have been discontinued by Eurotherm. As of 2025, the availability of spare parts as well as service assurance by Eurotherm will also cease. But don't worry, with our standardized retrofit solution, your temperature chamber remains fully functional and

meets the latest requirements. We will replace the existing controller with the current Eurotherm controller plus an overtemperature controller - without changing any existing functionality. This retrofit is a cost-effective alternative to replacing a temperature chamber and can be ideally integrated into a modernization project. Secure a future-proof solution now.

CTA- 337978



New alarm controller 3216 and temperature controller 3508

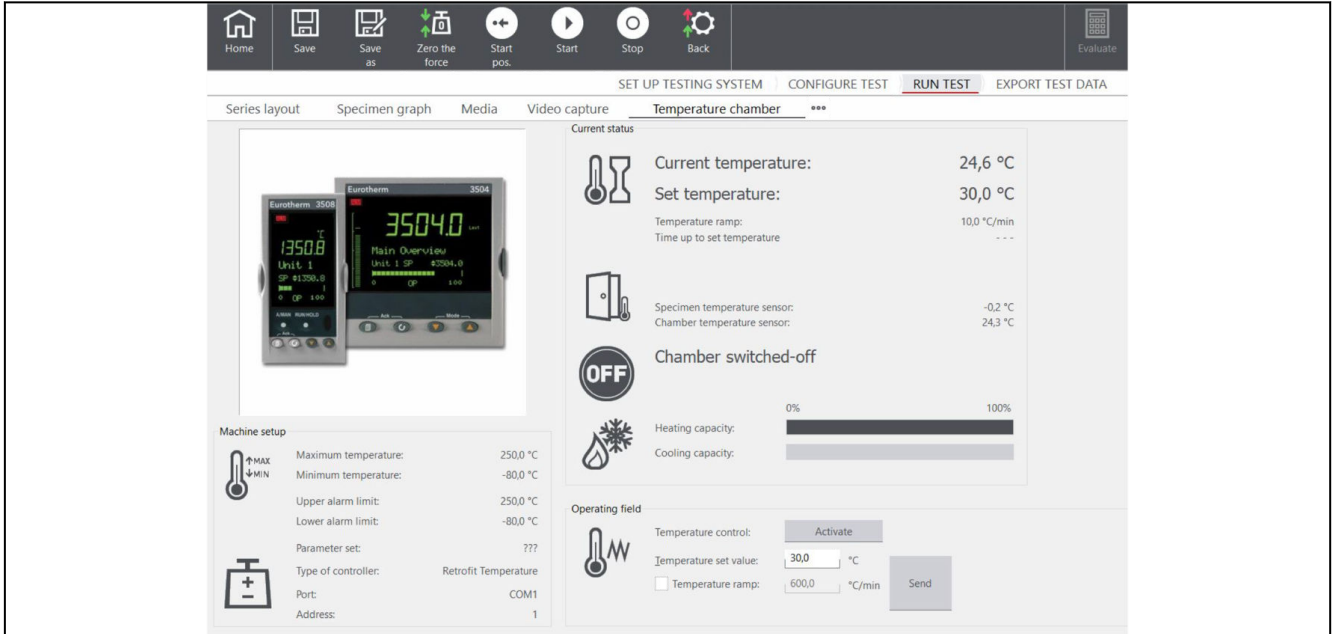
Advantages and features

- Thanks to the upgrade, the temperature chamber is state of the art
- The temperature control and application software are renewed. It is not necessary to replace the existing heating and cooling system
- A new CE test for the temperature chamber is not required after retrofitting
- With the upgrade, ZwickRoell ensures the availability of spare parts for the replaced components for at least 10 years
- Significantly lower costs by retrofitting the temperature controller on site compared to replacing a temperature chamber
- Fast and uncomplicated implementation of the upgrade on site at the customer's premises
- Service-friendly standardization of temperature calibration
- Easier operation due to larger display interface
- Higher measured value accuracy
- Adjustment and calibration of the test area temperature
- Traceable temperature recording and storage with testXpert III testing software
- Controller upgrade kit can be used as part of a modernization, but also as a retrofit
- Control near the specimen is optionally available
- The temperature display can be visualized via testXpert III.
- Controller data is available at a glance.

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CTA: 337639



testXpert III interface

The controller upgrade kit includes:

- Temperature controller 3508
- Alarm controller 3216
- Operator panel with buttons

Options:

- Temperature sensor for temperature control near the specimen
- Software option for control and visualization via testXpert III
- Switching the fan on and off using the remote control

Requirement:

- The Controller Upgrade Kit requires testing software version testXpert III V1.4 or higher. Do you have an older version? Then please contact us. We look forward to discussing your individual needs!

Process description

Retrofitting in the temperature chamber:

The controller upgrade is carried out by our service technicians on site at the customer's premises within one day. The materials testing machine is then calibrated and the customer receives a comprehensive introduction at the end.

- Predefined parameter specifications can be called up in the testXpert III system
- Heating and cooling activation
- Shortened test procedure and test preparation (short cycle times)
- Quick and easy switching between different tests

All data at ambient temperature.

CTA: 337826



Before vs. after

Subject to change in the course of further development.