Error codes

An error is indicated by an acoustic signal and an error code is displayed.

E. g.: Er $--3$ $---$

If faults cannot be eliminated directly, you must perform a RESET (see „Resetting parameters to the factory settings")!

If the faults still cannot be eliminated, the appliance must be inspected by a technical service.

Error code	Description	Cause	Effect	Solution
Er 3	Temperature inside unit too high	• Permitted ambient temperature has been exeeded • Ventilation slots or fan housing blocked	Heating off	• Switch off the unit. Allow it to cool down and switch on again. • Clean ventilation slots or fan housing • Observe maximum permissible ambient-temperature
Er 4	Differance between setpoint and actual speeds is too large	• Motor seized or overload	Motor off	• Reduce the torque load (load) • Reduce setpoint speed
Er 8	The calibration value of the temperature sensor is outside the limit value	• Fault in calibration procedure • Value was incorrectly stored to memory • EPROM switching error	Heating off	• Repeat the calibration procedure
Er 14	External temperature sensor, short-circuit	• Short-circuit at temperature sensor plug • Short-circuit in connecting cable or on Temperature sensor	Heating off	• Check the plug • Substitude the temperature sensor
Er 16	External temperature sensor has exceeded the SAFE Temp	• SAFE Temp is set at a temperature lower than the actual temperature on the external temperature sensor	Heating off	• Allow the unit to cool down • Set the SAFE Temp at a higher temperature
Er 17	Temperature sensor - Incubation-room has exceeded the SAFE Temp	• SAFE Temp is set at a temperature lower than the actual temperature on the external temperature sensor	Heating off	• Allow the unit to cool down • Set the SAFE Temp at a higher temperature
Er 26	Difference between the internal control and safety temperature sensors too large	• Ventilation slots in incubation room blocked • Radial-flow fan does not rotate • Fault in the control or safety temperature sensors	Heating off	• Switch off the unit. Allow it to cool down and then switch on again. • Check fan or ventilation slots and clean if necessary
Er 60	Power outage	• Power outage during operation	Interruption of heating or shaking function	• Delete the display by pressing the shift key
PC 1	In remote operation (PC) with watchdog function 1 (WD) enabled: No communication between PC and unit	•PC does not send data during the watchdog time • The connection/cable to the PC is broken	Heating off Motor off	• Change the watchdog time • Send data from the PC within the watchdog time • Check the connector cable and plug
PC 2	In remote operation (PC) with watchdog function 2 (WD) enabled: No communication between PC and unit	• PC does not send data during the watchdog time • The connection/cable to the PC is broken	The setpoint temperature is set to the WD safety temperature The setpoint speed is set to the WD safety speed	• Change the watchdog time • Send data from the PC within the watchdog time • Check the connector cable and plug