

Error message	Symptoms	Possible causes and corrective measures
E-19	Self-test after switching on the centrifuge.	Incorrect NV-RAM or key panel
E-22	Self-test after switching on the centrifuge.	NV-RAM parameter does not fit the processor
E-23	Rotor stops without deceleration to standstill or does not start.	• Mains voltage too low. • Excessive pressure in the refrigeration unit, or motor overheated. 1. Turn instrument off and pull mains plug. 2. Check and clean ventilation slots if necessary. 3. After about 60 min you can restart the instrument. If the error persists, contact customer service.
E-24	Self-test after switching on the centrifuge.	NV-RAM 2 missing