

i-CON NANO

Error Messages

Error Messages in the Soldering Station i-CON NANO

The i-CON NANO carries out an automatic error diagnosis. The result of a diagnosis is displayed as an error code. The error codes are listed in the following table. Error messages have to be confirmed with a button push. After the error has been eliminated and the error message has been confirmed, the connected soldering tool will be heated again.

Code	Meaning	Cause	Remedy
1	microSD card error	No configuration file stored, or card obliquely inserted	Store configuration file, insert card consistently straight ahead
2	Calibration erroneous	Station no longer calibrated	Have factory calibration carried out
3xx	-	Messages for function testing during manufacturing	-
4	Erroneous measurement of the environment temperature	Measurement reading of KTY not OK	Have soldering tool and soldering station checked
501	i-CON NANO system error	Control electronics system error, or control electronics not properly connected	Have control electronics replaced or check connecting cables
502	i-CON NANO system error	Voltage not measured correctly	Have control electronics replaced
6	i-TOOL NANO not recognized	The soldering station is unable to recognize the connected i-TOOL NANO, or the i-TOOL NANO was plugged in upside down	Have the i-TOOL NANO connecting cables inspected
7	Heating element or thermocouple not recognized	Heating element is not installed correctly, thermocouple error	Check or replace heating element
8	Heating element	Heating element defect	Check or replace heating element
9	Data lost	Parameter/Configuration data destroyed	Reset settings by confirmation of the error, set changes again
98	Mains frequency error	Mains frequency outside of frequency range ($\pm 10\%$)	-

Table 1. Error Messages