

**FOR INFORMATION ONLY**

**ERROR CODES FOR INDUCTION HOBS**

No.	Description	Remarks
Er00	No errors	Only internal
Er01	Main switch does not drop off	After expiry of a period of time, the control system normally switches off the main switch. The relay has not dropped off within 30 s
Er02	Test RAM not correct	Unauthorised change of constants in RAM (e.g. through burst) On diagnosis: Ram write / read error
Er03	Key Time Out (not indicated)	Unauthorised actuation of key for longer than x seconds
Er04	SCI	Incorrect call-up of internal test routine
Er05	Program counter in invalid range	Program counter of the control module is outside the program -> triggering a reset
Er06	Heat indication limit reached	External heat detection contacts fail to reopen after a period of time
Er07	Time Out EEPROM	Reading operation with EEPROM took too long
Er08	Wrong cooking power level	Cooking power level not '0' for switched off cooking zone or cooking power level was not between '1' and '9'
Er09	Dual circuit wrong	Dual circuit switched on although the cooking zone was off
Er10	Programme items check	Too many, or too few, programme parts per programme run were worked off
Er11	Stack overflow	Maximum stack size exceeded
Er12	Relay port not identical with copy	The signals for the relay not identical with a backup copy in RAM
Er13	EEPROM does not contain	Data loss in EEPROM

	any valid data	
Er14	EEPROM not recordable	EEPROM defective
Er15	Reset by software watchdog	
Er16	PSD: oscillator frequency	During diagnosis, not all oscillators of the electronic pan detection oscillate with the pre-set frequency.
Er17	Periphery: interruption	During diagnosis, a level was detected at a port which, because of its terminating resistance, should not be present
Er18	Periphery: short circuit	During diagnosis, a connection to an adjacent port pin entdeckt.
Er19	Heat detection contacts interrupted	External detection contacts are open after a period of time
Er20	ROM check sum incorrect	
Er21	Overtemperature	During diagnosis, an overtemperature was detected
Er22	Key not recognised	During diagnosis, a (requested) key was not recognised during a given period of time, or a hardware fault was recognised
Er23	PWM	PWM frequency for relay not within valid limits
Er24		
Er25		Secondary voltage of mains supply circuit too high (primary > 300V)
Er26		Relay voltage too high when switched off (set value: 0V)
Er27	Heat sink sensor	Short circuit or broken
Er28	Electronic pan detection parameter	Transfer to ASIC not OK
Er29	Cooking zone assignment	Assignment of TC keys to cooking zone not OK
Er30	Eeprom	Data not plausible (see also Er13 and Er14)
Er31		Invalid variant recognition
Er32	2-/4-x-induction	Wrong induction module connected
Er33		Synchronising pulse (mains zero voltage) absent

These error codes are for guidance only and all faults should be diagnosed and repaired by a qualified Smeg technician.

*Local Smeg Engineer details can be found at:-*

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