

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	Type shortcut V=Vacuklav, C=Cliniklav E=Euroklav, M=MELATronic, Q=MELAquick	V23	V23	V31	V31	V24	V24	V24L
new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
P[]	[mbar]	Pressure values						
P1	End of 1st Evacuation warm start (Wst)	80	80	80	80	80	80	80
P2	End after evacuation warm start (Wst.)	180	180	180	180	180	180	180
P3	Minimum pressure evacuation drying	600	600	600	600	600	600	600
P4	Below: Calculation and processing of pressure gradient(s) SV CW2	800	800	800	800	800	800	800
P5	End of heating up during fractionation (Wst)	1400	1400	1400	1400	1400	1400	1400
P6	Control pressure Universal-Program	3160	3160	3160	3160	3160	3160	3160
P7	Control pressure Quick-Program	3160	3160	3160	3160	3160	3160	3160
P8	Control pressure Gentle-Program	2150	2150	2150	2150	2150	2150	2150
P9	Control pressure Disinfection/CFJ-Program	3160	3160	3160	3160	3160	3160	3160
P10	Control pressure Bowie & Dick test	3160	3160	3160	3160	3160	3160	3160
P11	End of pressure release	1120	1120	1120	1120	1200	1200	1200
P12	End of evacuation after pressure release, end of ventilation and start of end-cycle	700	700	700	700	700	700	700
P13	Maximum pressure during Vacuum test (Err31)	300	300	300	300	300	300	300
P14	Start of query door lock	50	50	50	50	50	50	50
P15	Current (evacuation) EURO, water ring: pressure range 1 of SV CW2 - control during vacuum drying	0	0	0	0	400	400	400
P16	Current (drying) EURO, water ring: pressure range 2 of SV CW2 - control during vacuum drying	0	0	0	0	150	150	150
P17	End of evacuation Vacuum test	80	80	80	80	80	80	80
P18	Control pressure drying	20	20	20	20	50	50	50
P19	Above: Err18, pressure sensor defective	3400	3400	3400	3400	3400	3400	3400
P20	End SV ventilation - open in case of emergency release because of lack of cooling water	3200	3200	3200	3200	3200	3200	3200
P21	End of 1st evacuation Quick-Program (Wst)	150	150	150	150	150	150	150
P22	End after evacuation Quick-Program (Wst)	250	250	250	250	250	250	250
P23	Sum of evacuation fractionation, see Uet1/17 (value of 0 allowed, doe not work for Vacuum test)	30	30	30	30	30	30	30
P24	Feeding fractionation during end pressure + P24 (Wst)	600	600	600	600	600	600	600
P25	Calibration pressure (Autocal)	2000	2000	2000	2000	2000	2000	2000
P26	Pressure difference for press. gradient 1 (SV CW2)	0	0	0	0	10	10	10
P27	Pressure difference for press. gradient 2 (SV CW2)	0	0	0	0	2	2	2
P28	1st point of calibration pressure sensor	100	100	100	100	100	100	100
P29	2nd point of calibration pressure sensor	1250	1250	1250	1250	1250	1250	1250
P30	3rd point of calibration pressure sensor	2100	2100	2100	2100	2100	2100	2100
P31	4th point of calibration pressure sensor	3200	3200	3200	3200	3200	3200	3200
P32	Min. pressure at end of ventilation drying for sterile filter check, below: Err 19	50	50	50	50	50	50	50
P33	Max. pressure at end of ventilation drying for sterile filter, above: Err 20	1000	1000	1000	1000	900	900	900
P34	If power failure above P34 ->display message "Sterilize sterile filter"	800	800	800	800	800	800	800
P35	Final pressure for compressed air drying I	0	0	0	0	0	0	0
P36	Final pressure for compressed air drying II	0	0	0	0	0	0	0
P37	End of 1st evacuation cold start (Kst)	79	79	79	79	79	79	79
P38	End after evacuation cold start (Kst)	179	179	179	179	179	179	179
P39	End of heating up during fractionation (Kst)	1400	1400	1400	1400	1400	1400	1400
P40	End of 1st evacuation Quick-Program (Kst)	150	150	150	150	150	150	150
P41	End after evacuation Quick-Program (Kst)	250	250	250	250	250	250	250
P42	Feeding fractionation during end pressure + P42 (Kst)	1000	1000	1000	1000	1000	1000	1000
P43	End of heating up during fractionation in Disinfection/CFJ-program (Kst)	1400	1400	1400	1400	1400	1400	1400
P44	Control pressure MELAsteam-Program	3300	3300	3300	3300	3300	3300	3300

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Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
P[]																		
P1	80	80	80	80	0	0	0	0	250	250	250	0	250	250	250	0	0	0
P2	180	180	180	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P3	600	600	600	600	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P4	800	800	800	800	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P5	1400	1400	1400	1400	2700	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
P6	3160	3160	3160	3160	3170	3200	3170	3170	3170	3170	3170	3170	3170	3170	3170	3200	3200	3200
P7	3160	3160	3160	3160	3170	3200	3170	3170	3170	3170	3170	3170	3170	3170	3170	3200	3200	3200
P8	2150	2150	2150	2115	2170	2200	2170	2170	2170	2170	2170	2170	2170	2170	2170	2200	2200	2200
P9	3160	3160	3160	3160	3170	3200	3170	3170	3170	3170	3170	3170	3170	3170	3170	3200	3200	3200
P10	3160	3160	3160	3160	3170	3200	3170	3170	3170	3170	3170	3170	3170	3170	3170	3200	3200	3200
P11	1200	1200	1200	1200	1200	1150	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
P12	700	700	700	700	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P13	300	300	300	300	0	0	0	0	500	500	500	0	500	500	500	0	0	0
P14	50	50	50	3400	50	3400	50	50	50	50	50	50	50	50	50	3400	3400	3400
P15	400	400	400	400	1250	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
P16	150	150	150	150	1120	1150	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
P17	80	80	80	80	0	0	0	0	230	230	230	0	230	230	230	0	0	0
P18	50	50	50	50	0	0	0	0	500	500	500	0	500	500	500	0	0	0
P19	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400
P20	3200	3200	3200	3200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P21	150	150	150	110	0	0	0	0	500	500	500	0	500	500	500	0	0	0
P22	250	250	250	230	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P23	30	30	30	30	0	0	0	0	200	200	200	0	200	200	200	0	0	0
P24	600	600	600	300	700	300	300	300	300	300	300	300	300	300	300	300	300	300
P25	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
P26	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P27	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
P29	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250
P30	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
P31	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200
P32	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P33	900	900	900	900	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P34	800	800	800	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
P35	0	0	0	0	2200	1700	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
P36	0	0	0	0	0	0	0	0	1600	1600	1600	0	1600	1600	1600	0	0	0
P37	79	79	79	80	0	0	0	0	230	230	230	0	230	230	230	0	0	0
P38	179	179	179	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P39	1400	1400	1400	1400	2700	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
P40	150	150	150	100	0	0	0	0	450	450	450	0	450	450	450	0	0	0
P41	250	250	250	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P42	1000	1000	1000	300	700	300	300	300	300	300	300	300	300	300	300	300	300	300
P43	1400	1400	1400	1400	3160	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
P44	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300

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Abbr.	Type shortcut V=Vacuklav, C=Cliniklav E=Euroklav, M=MELATronic, Q=MELAquick	V23	V23	V31	V31	V24	V24	V24L
new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
P45	Max. leakage rate*10 [mbar/min] with F[30]=1	13	13	13	13	13	13	13
P46	Max. leakage rate*10 [mbar/min] with F[30]=0	35	35	35	35	35	35	35
P47	Control pressure Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	3160	3160	3160	3160	3160	3160	3160
P48	Target-press. gradient for gradient controlled evacuation (Vacuklav) [mbar/s]	9	9	9	9	9	9	9
P49	Press. difference1 (SV_Vacuum closed) for gradient controlled evacuation (Vacuklav)	1	1	1	1	1	1	1
P50	Press. difference2 (SV_vacuum open) for gradient controlled evacuation (Vacuklav)	60	60	60	60	60	60	60
P51	Press. difference2 (SV_vacuum open) for gradient controlled evacuation (Vacuklav)	1500	1500	1500	1500	1500	1500	1500
P52	Lower press. limit for door lock (below this pressure the door remains locked)	600	600	600	600	600	600	600
P53	Upper press. limit for door lock (above this pressure the dor remains locked)	1150	1150	1150	1150	1150	1150	1150
T[]	[°Celsius]	Temperature values						
T1	Min. temperature Universal-Program	134	134	134	134	134	134	134
T2	Min. temperature Quick-Program	134	134	134	134	134	134	134
T3	Min. temperature Gentle-Program	121	121	121	121	121	121	121
T4	Min. temperature Disinfection/CFJ-program	134	134	134	134	134	134	134
T5	Min. temperature Bowie & Dick test	134	134	134	134	134	134	134
T6	C25: The warning limit "Excessive temperature display"	0	0	0	0	0	0	0
T7	C25: display control temp. fan (together with H3)	0	0	0	0	0	0	0
T8	Control pre-heating - door closed, initial state	120	120	120	120	120	120	120
T9	Control pre-heating - door open, initial state	110	110	110	110	110	110	110
T10	Pre-heating excessive temperature (Err22)	150	150	150	150	150	150	150
T11	Pre-heating - enable start Universal-Program	80	108	80	108	80	108	80
T12	Pre-heating - enable start Quick-Program	80	108	80	108	80	108	80
T13	Pre-heating - enable start Gentle-Program	80	108	80	108	80	108	80
T14	Pre-heating - enable start Disinfection/CFJ-program	80	108	80	108	80	108	80
T15	Pre-heating enable start Bowie & Dick test	80	108	80	108	80	108	80
T16	Reserve	0	0	0	0	0	0	0
T17	Control pre-heating drying Universal-Program	140	140	140	140	140	140	140
T18	Control pre-heating drying Quick-Program	140	140	140	140	140	140	140
T19	Control pre-heating drying Gentle-Program	130	130	130	130	130	130	130
T20	Control pre-heating drying Disinfection/CFJ-program	140	140	140	140	140	140	140
T21	Control pre-heating drying Bowie & Dick test	140	140	140	140	140	140	140
T22	Calibration temperature (Autocal)	134	134	134	134	134	134	134
T23	Above: Err18, temp. sensor defective	155	155	155	155	155	155	155
T24	Tv> T24 : Warm start (Wst), otherwise cold start (Kst)	5	5	5	5	5	5	5
T25	Tm>=T25 : Sterilization, otherwise disinfection	120	120	120	120	120	120	120
T26	Min. temperature Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	134	134	134	134	134	134	134
T27	Pre-heating enable start Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	80	108	80	108	80	108	80
T28	Control pre-heating drying Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	140	140	140	140	140	140	140
T29	Control pre-heating standby - door closed, Universal-Program	120	120	120	120	120	120	120
T30	Control pre-heating standby - door closed, Quick-Program	120	120	120	120	120	120	120
T31	Control pre-heating standby - door closed, Gentle-Program	110	110	110	110	110	110	110
T32	Control pre-heating standby - door closed, Disinfection/CFJ-program	120	120	120	120	120	120	120
T33	Control pre-heating standby - door closed, Bowie & Dick test	120	120	120	120	120	120	120
T34	Control pre-heating standby - door closed, Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	120	120	120	120	120	120	120

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Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
P45	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
P46	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
P47	3160	3160	3160	3160	3170	3200	3170	3170	3170	3170	3170	3170	3170	3170	3170	3200	3200	3200
P48	9	9	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P49	1	1	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P50	60	60	60	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P51	1500	1500	1500	1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P52	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
P53	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
T1	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
T2	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
T3	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121
T4	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
T5	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
T6	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T8	120	120	120	0	132	135	120	120	120	120	120	120	120	120	120	135	135	135
T9	110	110	110	0	132	135	110	110	110	110	110	110	110	110	110	135	135	135
T10	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
T11	108	80	108	0	130	5	80	108	80	108	108	80	80	108	108	5	5	5
T12	108	80	108	0	130	5	80	108	80	108	108	80	80	108	108	5	5	5
T13	108	80	108	0	117	5	80	108	80	108	108	80	80	108	108	5	5	5
T14	108	80	108	0	130	5	80	108	80	108	108	80	80	108	108	5	5	5
T15	108	80	108	0	131	5	80	108	80	108	108	80	80	108	108	5	5	5
T16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T17	140	140	140	0	134	140	140	140	140	140	140	140	140	140	140	140	140	140
T18	140	140	140	0	134	140	140	140	140	140	140	140	140	140	140	140	140	140
T19	130	130	130	0	130	130	130	130	130	130	130	130	130	130	130	130	130	130
T20	140	140	140	0	134	140	140	140	140	140	140	140	140	140	140	140	140	140
T21	140	140	140	0	134	140	140	140	140	140	140	140	140	140	140	140	140	140
T22	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
T23	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155	155
T24	5	5	5	5	100	5	5	5	5	5	5	5	5	5	5	5	5	5
T25	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
T26	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
T27	108	80	108	0	131	5	80	108	80	108	108	80	80	108	108	5	5	5
T28	140	140	140	0	132	140	140	140	140	140	140	140	140	140	140	140	140	140
T29	120	120	120	0	132	135	120	120	120	120	120	120	120	120	120	135	135	135
T30	120	120	120	0	132	135	120	120	120	120	120	120	120	120	120	135	135	135
T31	110	110	110	0	122	125	110	110	110	110	110	110	110	110	110	125	125	125
T32	120	120	120	0	132	135	120	120	120	120	120	120	120	120	120	135	135	135
T33	120	120	120	0	132	135	120	120	120	120	120	120	120	120	120	135	135	135
T34	120	120	120	0	132	135	120	120	120	120	120	120	120	120	120	135	135	135

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new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
T35	Control pre-heating standby - door open, Universal-Program	110	110	110	110	110	110	110
T36	Control pre-heating standby - door open, Quick-Program	110	110	110	110	110	110	110
T37	Control pre-heating standby - door open, Gentle-Program	110	110	110	110	110	110	110
T38	Control pre-heating standby - door open, Disinfection/CFJ-program	110	110	110	110	110	110	110
T39	Control pre-heating standby - door open, Bowie & Dick test	110	110	110	110	110	110	110
T40	Control pre-heating standby - door open, Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	110	110	110	110	110	110	110
T41	Control pre-heating fractionation Universal-Program	125	125	125	125	125	125	125
T42	Control pre-heating fractionation Quick-Program	125	125	125	125	125	125	125
T43	Control pre-heating fractionation Gentle-Program	110	110	110	110	110	110	110
T44	Control pre-heating fractionation Disinfection/CFJ-program	125	125	125	125	125	125	125
T45	Control pre-heating fractionation Bowie & Dick test	125	125	125	125	125	125	125
T46	Control pre-heating fractionation Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	125	125	125	125	125	125	125
T47	Control preheating switch default nominal value Fractionation/sterilization Universal-Program	110	110	110	110	110	110	110
T48	Control preheating switch default nominal value Fractionation/sterilization Quick-Program	110	110	110	110	110	110	110
T49	Control preheating switch default nominal value Fractionation/sterilization Gentle-Program	95	95	95	95	95	95	95
T50	Control preheating switch default nominal value Fractionation/sterilization Disinfect./CFJ-program	110	110	110	110	110	110	110
T51	Control preheating switch default nominal value Fractionation/sterilization Bowie & Dick test	110	110	110	110	110	110	110
T52	Control preheating switch default nominal value Fractionation/sterilization Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	110	110	110	110	110	110	110
T53	Control pre-heating sterilization Universal-Program	100	100	100	100	100	100	100
T54	Control pre-heating sterilization Quick-Program	100	100	100	100	100	100	100
T55	Control pre-heating sterilization Gentle-Program	90	90	90	90	90	90	90
T56	Control pre-heating sterilization Disinfect./CFJ-program	100	100	100	100	100	100	100
T57	Control pre-heating sterilization Bowie & Dick test	100	100	100	100	100	100	100
T58	Control pre-heating sterilization Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	100	100	100	100	100	100	100
D[]	[°Kelvin]	Temperature-Differences//Tolerances						
D1	Max. tolerance for preheating during Vacuum test, otherwise autom. Restart	20	20	20	20	20	20	20
D2	Max. overtemp. for preheating at start otherwise autom. Restart after cooling down	150	150	150	150	150	150	150
D3	Max. Difference Temp_Chambr_Prog/Temp_Chambr_Dis1 *0.1 (both 12bit), if greater: Err27 (Sensor 1/2)	20	20	20	20	20	20	20
D4	Max. Difference betw. Temp_Chambr_Dis1/Temp_Chambr_Dis2 *0.1 (12/8bit), if greater: Err26 (Analogue converter)	30	30	30	30	30	30	30
D5	Permissible temperature band Steriliz./Disinfect. (measured+theoret.) ,... if greater: Err34..37(only after equilibration time)	5	5	5	5	5	5	5
D6	Max. difference betw. theoret. and measured steam-temperature, if greater: Err38 (TD) (only after equilibration time)	2	2	2	2	2	2	2
D7	as of V4.00: Difference temperature in [K], subsequent feed steam generator is prevented from (T1..T5 bzw. T26) - D7 !	1	1	1	1	1	1	1
t[]	[Seconds]	Run times (theor. max. nominal values: 9999)						
t0	Number of runtime variables							
t1	Holding time Universal-Program	330	330	330	330	330	330	330
t2	Holding time Quick-Program	210	210	210	210	210	210	210
t3	Holding time Gentle-Program	1230	1230	1230	1230	1230	1230	1230
t4	Holding time Disinfect./CFJ-program	1230	1230	1230	1230	1230	1230	1230
t5	Holding time Bowie & Dick test	210	210	210	210	210	210	210

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
T35	110	110	110	0	132	135	110	110	110	110	110	110	110	110	110	135	135	135
T36	110	110	110	0	132	135	110	110	110	110	110	110	110	110	110	135	135	135
T37	110	110	110	0	121	125	110	110	110	110	110	110	110	110	110	125	125	125
T38	110	110	110	0	132	135	110	110	110	110	110	110	110	110	110	135	135	135
T39	110	110	110	0	132	135	110	110	110	110	110	110	110	110	110	135	135	135
T40	110	110	110	0	132	135	110	110	110	110	110	110	110	110	110	135	135	135
T41	125	125	125	0	132	118	125	125	125	125	125	125	125	125	115	118	118	118
T42	125	125	125	0	132	118	125	125	125	125	125	125	125	125	115	118	118	118
T43	110	110	110	0	120	105	110	110	110	110	110	110	110	110	110	105	105	105
T44	125	125	125	0	132	118	125	125	125	125	125	125	125	125	115	118	118	118
T45	125	125	125	0	132	118	125	125	125	125	125	125	125	125	115	118	118	118
T46	125	125	125	0	131	118	125	125	125	125	125	125	125	125	125	118	118	118
T47	110	110	110	0	120	110	110	110	110	110	110	110	110	110	110	110	110	110
T48	110	110	110	0	120	110	110	110	110	110	110	110	110	110	110	110	110	110
T49	95	95	95	0	105	95	95	95	95	95	95	95	95	95	95	95	95	95
T50	110	110	110	0	120	110	110	110	110	110	110	110	110	110	110	110	110	110
T51	110	110	110	0	120	110	110	110	110	110	110	110	110	110	110	110	110	110
T52	110	110	110	0	120	110	110	110	110	110	110	110	110	110	110	110	110	110
T53	100	100	100	0	132	118	118	118	118	118	118	118	118	118	118	118	118	118
T54	100	100	100	0	132	118	118	118	118	118	118	118	118	118	118	118	118	118
T55	90	90	90	0	120	105	105	105	105	105	105	105	105	105	105	105	105	105
T56	100	100	100	0	132	118	118	118	118	118	118	118	118	118	118	118	118	118
T57	100	100	100	0	132	118	118	118	118	118	118	118	118	118	118	118	118	118
T58	100	100	100	0	132	118	118	118	118	118	118	118	118	118	118	118	118	118
D[]																		
D1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
D2	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
D3	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
D4	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
D5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
D6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
D7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
t[]																		
t0																		
t1	330	330	330	330	210	330	330	330	330	330	330	330	330	330	330	330	330	330
t2	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
t3	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230
t4	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230
t5	210	210	210	210	300	210	210	210	210	210	210	210	210	210	210	210	210	210

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	Type shortcut V=Vacuclav, C=Cliniklav E=Euroklav, M=MELAtronic, Q=MELAquick	V23	V23	V31	V31	V24	V24	V24L
new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
t6	Time for vacuum-drying Universal-Program	118	118	118	118	118	118	118
t7	Time for vacuum-drying Quick-Program	118	118	118	118	118	118	118
t8	Time for vacuum-drying Gentle-Program	360	360	360	360	1080	1080	1080
t9	Time for vacuum-drying Disinfect./CFJ-prorgam	118	118	118	118	118	118	118
t10	Time for vacuum-drying Bowie & Dick test (FOR DRYING TIMES NULL ALLOWED)	118	118	118	118	118	118	118
t11	Time for ventilation drying Universal-Program	2	2	2	2	2	2	2
t12	Time for ventilation drying Quick-Program	2	2	2	2	2	2	2
t13	Time for ventilation drying Gentle-Program	40	40	40	40	120	120	120
t14	Time for ventilation drying Disinfect./CFJ-prorgam	2	2	2	2	2	2	2
t15	Time for ventilation drying Bowie & Dick test	2	2	2	2	2	2	2
t16	Waiting period Vacuum test	300	300	300	300	300	300	300
t17	Measuring time Vacuum test	600	600	600	600	600	600	600
t18	End cycle	14	14	12	12	14	14	17
t19	Cooling_Press.release, cooler closed V31	10	10	10	10	0	0	0
t20	Cooling_Press.release, cooler open V31	3	3	3	3	0	0	0
t21	Holding time MELAsteam-Program	3600	3600	3600	3600	3600	3600	3600
t22	Holding time Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	210	210	210	210	210	210	210
t23	Time for vacuum-drying Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	118	118	118	118	118	118	118
t24	Time for ventilation drying Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	2	2	2	2	2	2	2
tms[]	[t[]x50 Milliseconds]	Run times 50 ms						
tms1	Pulsing steam generator at drying ON, per sec .	0	0	0	0	0	0	0
tms2	Pause between overheating feedings	80	80	80	80	80	80	80
tms3	Time of feeding overheating feed/feed of float switch during control	5	5	5	5	5	5	5
tms4	Speed of display changes normal	70	70	70	70	70	70	70
tms5	Speed of display changes Error/termination	40	40	40	40	40	40	40
tms6	Speed of flashing at parameter input	10	10	10	10	10	10	10
tms7	Pulsing fan motor for cooler, V31	5	5	5	5	0	0	0
tms8	Debounce time door locking contact	4	4	4	4	4	4	4
tms9	Manual unlock of the door, time delay PLUS-button for USER menu	2	2	2	2	2	2	2
tms10	Debounce time float switch steam generator (Cliniklav C25)	0	0	0	0	0	0	0
tms11	Time of feeding overheating feed/feed of float switch during heating	10	10	10	10	10	10	10
z[]	[Seconds]	Switch times						
z1	Additional water feed time MELAsteam-program	15	15	15	15	15	15	15
z2	Pre-running time vacuum pump when press. release (only for Euroklav with Vac.), if 0= no running	0	0	0	0	0	0	0
z3	Reserve	0	0	0	0	0	0	0
z4	Holding time waterring pump feed End cycle	0	0	0	0	3	3	3
z5	Reserve	0	0	0	0	0	0	0
z6	Waiting time until malfunction cooling water (Err13)	0	0	0	0	30	30	30
z7	Reserve	0	0	0	0	0	0	0
z8	Pause between cycles if permanent in operation (F2=1)	150	150	150	150	150	150	150
z9	First run/traill Vac. pump towards SV Vac.when ON/OFF for evacuation	2	2	2	2	2	2	2
z10	First run/traill Vac. pump towards SV Vac.when ON/OFF for evacuation	2	2	2	2	2	2	2
z11	Switch-on time SV overpress. at begin of press.-drying (start-up detour, air in tank), Euroklav VS	0	0	0	0	0	0	0

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
t6	118	118	118	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t7	118	118	118	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t8	1080	1080	1080	370	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t9	118	118	118	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t10	118	118	118	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t11	2	2	2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t12	2	2	2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t13	120	120	120	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t14	2	2	2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t15	2	2	2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t16	300	300	300	300	0	0	0	0	300	300	300	0	300	300	300	0	0	0
t17	600	600	600	600	0	0	0	0	600	600	600	0	600	600	600	0	0	0
t18	17	12	12	30	5	30	25	25	25	25	25	25	25	25	25	30	30	30
t19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t21	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
t22	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
t23	118	118	118	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t24	2	2	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tms[]																		
tms1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tms2	80	80	80	80	130	50	50	50	50	50	50	50	50	50	50	50	50	50
tms3	5	5	5	20	3	10	10	10	10	10	10	10	10	10	10	10	10	10
tms4	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
tms5	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
tms6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
tms7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tms8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
tms9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
tms10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tms11	10	10	10	60	6	20	20	20	20	20	20	20	20	20	20	20	20	20
z[]																		
z1	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
z2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z4	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z6	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z8	150	150	150	150	300	300	300	300	300	300	300	300	300	300	300	300	300	300
z9	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z10	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z11	0	0	0	0	0	0	0	0	4	4	4	0	4	4	4	0	0	0

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	Type shortcut V=Vacuklav, C=Cliniklav E=Euroklav, M=MELATronic, Q=MELAquick	V23	V23	V31	V31	V24	V24	V24L
new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
z12	Switch-on time SV pressure release 2, V31	5	5	5	5	0	0	0
z13	Reserve	0	0	0	0	0	0	0
z14	Reserve	0	0	0	0	0	0	0
z15	Reserve	0	0	0	0	0	0	0
z16	Waiting period until malfunction feed water during cycle runs (Err14)	5	5	5	5	5	5	5
z17	Waiting period for acknowledge termination of program	5	5	5	5	5	5	5
z18	Reserve	0	0	0	0	0	0	0
z19	Measuring time for press. gradient 3 and 4 (SV CW 2)	0	0	0	0	10	10	10
z20	Suppress overheating feed	3	3	3	3	3	3	3
z21	Switch-off steam generator if overheating feeding (only below target temperature)	3	3	3	3	3	3	3
z22	Waiting period until malfunct. feed water when feeding before conductivity measurement (Err14)	5	5	5	5	5	5	5
z23	Measuring time conductivity (between end of conductivity feeding and program start)	3	3	3	3	3	3	3
z24	Feed during fractionation at Pevak+P24	6	6	6	6	6	6	6
z25	Feed conductivity measurement	8	8	8	8	8	8	8
z26	Time period for vacuum pump at 00:00:00	0	0	0	0	0	0	0
z27	Measuring time for press. gradient 1 (SV CW 2)	0	0	0	0	5	5	5
z28	Measuring time for press. gradient 2 (SV CW 2)	0	0	0	0	5	5	5
z29	Switch-on time SV CW 2 at begin of press. release	0	0	0	0	30	30	30
z30	Switch-on time SV CW 2 at begin of evacuation (fractionations)	0	0	0	0	90	90	90
z31	Waiting period from start until query Input door lock, then maybe Err12	5	5	5	5	5	5	5
z32	Equilibration time before vor Sterilization/Disinf.	15	15	15	15	15	15	15
z33	Delay SV CW2 after switch-on of vacuum pump when evacuation/press. release	3	3	3	3	3	3	3
z34	Time of opening door for manual unlock of the door	40	40	40	40	40	40	40
Uet[]	[Seconds]	Run times (theor. max. nominal values: 9999)						
Uet1	Evacuation fractionations otherwise Err1. If cycle runs at least P1/2/21/22+P23 reached, further up to heating (also see Uet17)	900	900	900	900	900	900	900
Uet2	Heating until P5 otherwise Err2	900	900	900	900	900	900	900
Uet3	Heating until T1/2/3/4/5 otherwise Err2	900	900	900	900	900	900	900
Uet4	Flow until P15 otherwise Err23 Euroklav	0	0	0	0	0	0	0
Uet5	Pressure release cycle until P11 otherwise Err4	300	300	300	300	300	300	300
Uet6	Evacuation drying until P3 otherwise Err1	100	100	100	100	100	100	100
Uet7	Ventilation until P12 otherwise Err6	300	300	300	300	300	300	300
Uet8	Flow until P16 otherwise Err41 Euroklav/C25: Monit.-time malfunct. Feed pump (float switch SG)	0	0	0	0	0	0	0
Uet9	Time for subsequent connection of the log printer during message " Printer not ready" (s. Uet21)	40	40	40	40	40	40	40
Uet10	Max. time for target pressure fall below (with consideration H1) during holding time otherwise Err33	600	600	600	600	600	600	600
Uet11	Preheating Universal-Program otherwise Err21	5000	5000	5000	5000	5000	5000	5000
Uet12	Preheating Quick-Program otherwise Err21	5000	5000	5000	5000	5000	5000	5000
Uet13	Preheating Gentle-Program otherwise Err21	5000	5000	5000	5000	5000	5000	5000
Uet14	Preheating Disinfect./CFJ-prorgam otherwise Err21	5000	5000	5000	5000	5000	5000	5000
Uet15	Preheating Bowie & Dick test otherwise Err21	5000	5000	5000	5000	5000	5000	5000
Uet16	Preheating initial state otherwise Err21	5000	5000	5000	5000	5000	5000	5000
Uet17	Evacuation fractionations, testing, if during cycle run P1/2/21/22+P23 reached,, if "Yes" going on with heating, otherwise wait until end of Uet1 (see above)	600	600	600	600	600	600	600
Uet18	Overheating steam generator (capillary-tube permanently triggered) : Err10	240	240	240	240	240	240	240

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
z12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z16	5	5	5	5	1	20	5	5	5	5	5	5	5	5	5	20	20	20
z17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
z18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z19	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z20	3	3	3	20	7	7	7	7	7	7	7	7	7	7	7	7	7	7
z21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
z22	5	5	5	20	5	20	5	5	5	5	5	5	5	5	5	20	20	20
z23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
z24	6	6	6	10	2	6	10	10	10	10	10	8	8	8	8	6	6	6
z25	8	8	8	12	7	15	12	12	14	14	14	10	12	12	12	15	15	15
z26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z27	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z28	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z29	30	30	30	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z30	90	90	90	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
z32	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
z33	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z34	40	40	40	0	40	0	40	40	40	40	40	40	40	40	40	0	0	0
Uet[]																		
Uet1	900	900	900	900	0	0	0	0	900	900	900	0	900	900	900	0	0	0
Uet2	900	900	900	1200	1000	600	900	900	900	900	900	900	900	900	900	600	600	600
Uet3	900	900	900	1200	1000	600	900	900	900	900	900	900	900	900	900	600	600	600
Uet4	0	0	0	0	420	420	420	420	420	420	420	420	420	420	420	420	420	420
Uet5	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Uet6	100	100	100	100	0	0	0	0	900	900	900	0	900	900	900	0	0	0
Uet7	300	300	300	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uet8	0	0	0	180	420	420	420	420	420	420	420	420	420	420	420	420	420	420
Uet9	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Uet10	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
Uet11	5000	5000	5000	0	1500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Uet12	5000	5000	5000	0	1500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Uet13	5000	5000	5000	0	1500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Uet14	5000	5000	5000	0	1500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Uet15	5000	5000	5000	0	1500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Uet16	5000	5000	5000	0	1500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Uet17	600	600	600	600	0	0	0	0	600	600	600	0	600	600	600	0	0	0
Uet18	240	240	240	180	240	240	240	240	240	240	240	240	240	240	240	240	240	240

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	Type shortcut V=Vacuklav, C=Cliniklav E=Euroklav, M=MELATronic, Q=MELAquick	V23	V23	V31	V31	V24	V24	V24L
new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
Uet19	Drying: Pumping until P35 otherwise Err42, Euroklav	0	0	0	0	0	0	0
Uet20	Drying: Pumping until P36 otherwise Err42, Euroklav	0	0	0	0	0	0	0
Uet21	Waiting period display shows "Printer not ready"	5	5	5	5	5	5	5
Uet22	Pre-heating Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav)	5000	5000	5000	5000	5000	5000	5000
a[]		Frequencies						
a1	Fractionations Universal-Program (Wst), for Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a2	Fractionations Quick-Program (Wst), for Euroklav VS add. Pre-vacuum	2	2	2	2	2	2	2
a3	Fractionations Gentle-Program (Wst), for Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a4	Fractionations Disinfect./CFJ-prorgam (Wst), for Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a5	Fractionations Bowie & Dick test (Wst), for Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a6	Line feed after printout	4	4	4	4	4	4	4
a7	Percental extension of the drying times when additional drying is selected	150	150	150	150	150	150	150
a8	Waiting-cycles a' 20ms from signal door contact until Err9 is triggered	4	4	4	4	4	4	4
a9	Batches until display shows "Please service"	1000	1000	1000	1000	1000	1000	1000
a10	Days until display shows "Please service"	730	730	730	730	730	730	730
a11	Numbers of dryings Universal-Program (values <=200 permissible)	10	10	10	10	10	10	10
a12	Numbers of dryings Quick-Program (values <=200 permissible)	4	4	4	4	4	4	4
a13	Numbers of dryings Gentle-Program (values <=200 permissible)	3	3	3	3	1	1	1
a14	Numbers of dryings Disinfect./CFJ-prorgam (values <=200 permissible)	10	10	10	10	10	10	10
a15	Numbers of dryings Bowie & Dick test (values <=200 permissible)	2	2	2	2	2	2	2
a16	Numbers of vacuum dryings Universal-Program (Euroklav, values <=200 permissible)	0	0	0	0	0	0	0
a17	Numbers of vacuum dryings Quick-Program (Euroklav, values <=200 permissible)	0	0	0	0	0	0	0
a18	Numbers of vacuum dryings Gentle-Program (Euroklav, values <=200 permissible)	0	0	0	0	0	0	0
a19	Numbers of dryings Disinfect./CFJ-prorgam (values <=200 permissible)	0	0	0	0	0	0	0
a20	Numbers of vacuum dryings Bowie & Dick test (Euroklav, values <=200 permissible)	0	0	0	0	0	0	0
a21	Fractionations Universal-Program (Kst), for Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a22	Fractionations Quick-Program (Kst), for Euroklav VS add. Pre-vacuum	2	2	2	2	2	2	2
a23	Fractionations Gentle-Program (Kst), for Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a24	Fractionations Gentle-Program (Kst), for Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a25	Fractionations Disinfect./CFJ-prorgam (Wst), for Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a26	Fractionations Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav) (Wst), Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
a27	Number of dryings Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav) (values <=200 permissible)	6	6	6	6	6	6	6
a28	Number of vacuum dryings Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav) (values <=200 permissible)	0	0	0	0	0	0	0
a29	Fractionations Quick-Program B (Vacuclav)/Quick-Program SII (Euroklav) (Kst), Euroklav VS add. Pre-vacuum	3	3	3	3	3	3	3
H[]		Control hysteresis						
H1	Steam generator (only for testing in case of malfunctions, e.g. Uet10/Err31), mbar	200	200	200	200	200	200	200
H2	Drying, mbar	10	10	10	10	10	10	10
H3	C25: display- control temperature hysteresis [K] fan (together with T7)	0	0	0	0	0	0	0
H4	Reserve	0	0	0	0	0	0	0
H5	Preheating (for testing on T10/Err22), °K	0	0	0	0	0	0	0
L[]	[uS/cm]	Conductivity						
L1	1st warning level, feed water quality bad (Err24)	40	40	40	40	40	40	40

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
Uet19	0	0	0	0	420	420	420	420	420	420	420	420	420	420	420	420	420	420
Uet20	0	0	0	0	0	0	0	0	420	420	420	0	420	420	420	0	0	0
Uet21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Uet22	5000	5000	5000	0	1000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
a[]																		
a1	3	3	3	4	9	5	6	6	5	5	5	6	5	5	5	5	5	5
a2	2	2	2	2	3	3	4	4	3	3	3	4	3	3	3	3	3	3
a3	3	3	3	4	9	5	6	6	5	5	5	6	5	5	5	5	5	5
a4	3	3	3	4	9	5	6	6	5	5	5	6	5	5	5	5	5	5
a5	3	3	3	4	14	5	6	6	5	5	5	6	5	5	5	5	5	5
a6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
a7	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
a8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
a9	1000	1000	1000	1000	3000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
a10	730	730	730	365	730	730	730	730	730	730	730	730	730	730	730	730	730	730
a11	10	10	10	6	25	85	23	23	13	13	13	31	18	18	18	0	0	0
a12	4	4	4	3	4	25	8	8	7	7	7	8	7	7	7	0	0	0
a13	1	1	1	3	25	85	23	23	13	13	13	31	18	18	18	0	0	0
a14	10	10	10	6	25	85	23	23	13	13	13	31	18	18	18	0	0	0
a15	2	2	2	2	25	0	10	10	8	8	8	10	8	8	8	0	0	0
a16	0	0	0	0	0	0	0	0	5	5	5	0	7	7	7	0	0	0
a17	0	0	0	0	0	0	0	0	2	2	2	0	2	2	2	0	0	0
a18	0	0	0	0	0	0	0	0	5	5	5	0	7	7	7	0	0	0
a19	0	0	0	0	0	0	0	0	5	5	5	0	7	7	7	0	0	0
a20	0	0	0	0	0	0	0	0	2	2	2	0	2	2	2	0	0	0
a21	3	3	3	4	9	5	6	6	5	5	5	6	5	5	5	5	5	5
a22	2	2	2	2	3	3	4	4	3	3	3	4	3	3	3	3	3	3
a23	3	3	3	4	9	5	6	6	5	5	5	6	5	5	5	5	5	5
a24	3	3	3	4	9	5	6	6	5	5	5	6	5	5	5	5	5	5
a25	3	3	3	4	14	5	6	6	5	5	5	6	5	5	5	5	5	5
a26	3	3	3	4	14	5	6	6	5	5	5	6	5	5	5	5	5	5
a27	6	6	6	2	25	0	23	23	13	13	13	23	13	13	13	0	0	0
a28	0	0	0	0	0	0	0	0	5	5	5	0	5	5	5	0	0	0
a29	3	3	3	4	14	5	6	6	5	5	5	6	5	5	5	5	5	5
H[]																		
H1	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
H2	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L[]																		
L1	40	40	40	20	40	150	40	40	40	40	40	40	40	40	40	150	150	150

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	Type shortcut V=Vacuklav, C=Cliniklav E=Euroklav, M=MELATronic, Q=MELAquick	V23	V23	V31	V31	V24	V24	V24L
new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
L2	2nd warning level, feed water quality insufficient (Err25)	65	65	65	65	65	65	65
L3	Err18 "Sensor defective" and 5th measuring point	2000	2000	2000	2000	2000	2000	2000
L4	Value for conductivity_measurement 1st measuring point	0	0	0	0	0	0	0
L5	Value for conductivity_measurement 2nd measuring point	10	10	10	10	10	10	10
L6	Value for conductivity_measurement 3rd measuring point	50	50	50	50	50	50	50
L7	Value for conductivity_measurement 4th measuring point	100	100	100	100	100	100	100
L8	Offset for conductivity_measurement 1st measuring point	11	11	11	11	11	11	11
L9	Offset for conductivity_measurement 2nd measuring point	5	5	5	5	5	5	5
L10	Offset for conductivity_measurement 3rd measuring point	3	3	3	3	3	3	3
L11	Offset for conductivity_measurement 4th measuring point	0	0	0	0	0	0	0
L12	Offset for conductivity_measurement 5th measuring point	-50	-50	-50	-50	-50	-50	-50
R[]		Control parameters						
R1	Hysteresis/2 for control of temperature preheating [°C * 10]	5	5	5	5	5	5	5
R2	No function	0	0	0	0	0	0	0
R3	Hysteresis/2 for control of pressure [mbar]	5	5	5	5	5	5	5
R4	No function	0	0	0	0	0	0	0
F[]		System flags						
F1	Demo Mode (active if >0, as higher the value as faster the Demo Mode, betw. 90...99 the AC OUT switched)	0	0	0	0	0	0	0
F2	Life test (active at 1)	0	0	0	0	0	0	0
F3	Option Conductivity Measurement (active at 1)	1	1	1	1	1	1	1
F4	Activate menu "Choose device type" (1)	0	0	0	0	0	0	0
F5	Option Pre-heating (active at 1)	1	1	1	1	1	1	1
F6	Analogue input pressure sensor (0=AIN3/1=AIN5)	0	0	0	0	0	0	0
F7	Pre-Vacuum Yes (1) No (0), Euroklav	1	1	1	1	1	1	1
F8	Test_mode (active at 1 and "ext. PC") (Status Info with RS232-Terminal)	0	0	0	0	0	0	0
F9	Locking MELAsteam-Program, activation only if spray gun is delivered	1	1	1	1	1	1	1
F10	Option locking preheating/steam generator (active at 1)	0	1	0	1	0	1	0
F11	Vacuklav 31-B: special Vacuum test	0	0	0	0	0	0	0
F12	=0 Steriliz./Disinf., =1 Prion-Program in the CFJ-program (replace of textstring)	1	1	1	1	1	1	1
F13	Option maintenance message (active at 1)	1	1	1	1	1	1	1
F14	Locking Universal-Program	0	0	0	0	0	0	0
F15	Locking Quick-Program	0	0	0	0	0	0	0
F16	Locking Gentle-Program	0	0	0	0	0	0	0
F17	Locking Disinfect./ CFJ-program	0	0	0	0	0	0	0
F18	Locking Bowie & Dick test	0	0	0	0	0	0	0
F19	Locking Vacuum test	0	0	0	0	0	0	0
F20	Termination drying (0=possible,1= locked)	0	0	0	0	0	0	0
F21	Absolute pressure in mbar (0) or kPa (1)	0	0	0	0	0	0	0
F22	User menu "Modem" (active at 1)	1	1	1	1	1	1	1
F23	User menu "MELAflash" (")	1	1	1	1	1	1	1
F24	Skip of program steps with program-selection button possible (active at 1)	0	0	0	0	0	0	0
F25	Display "Door closed" (0),"Door locked"(1)	0	0	0	0	0	0	0
F26	Time base comparison (active at 1)	1	1	1	1	1	1	1

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
L2	65	65	65	35	65	180	65	65	65	65	65	65	65	65	65	180	180	180
L3	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
L4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
L6	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
L7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
L8	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
L9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
L10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
L11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L12	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
R[]																		
R1	5	5	5	5	1	5	5	5	5	5	5	5	5	5	5	5	5	5
R2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R3	5	5	5	5	2	20	30	30	30	30	30	20	20	20	20	20	20	20
R4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F[]																		
F1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F5	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F7	1	1	1	1	0	0	0	0	1	1	1	0	1	1	1	0	0	0
F8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F10	1	0	1	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0
F11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F16	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
F17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F18	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1
F19	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	1	1	1
F20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F25	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
F26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	Type shortcut V=Vacuklav, C=Cliniklav E=Euroklav, M=MELATronic, Q=MELAquick	V23	V23	V31	V31	V24	V24	V24L
new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
F27	User menu "MELAnet" (1)	1	1	1	1	1	1	1
F28	AIN2 takes over function of AIN1	0	0	0	0	0	0	0
F29	1: B-Menu-option water system One-way/Cycle available 0: only One-way, not in the B-Menu	0	0	0	0	0	0	0
F30	0: Leakage rate = P46, 1 : Leakage rate = P45	1	1	1	1	1	1	1
F31	0 suppresses "Water supply" n the User menu and "Water system"	1	1	1	1	0	0	0
	forces setting "extern" and "One-way"							
F32	Ventilation drying with (F32 = 0) or without (F32 = 1) running vacuum pump	0	0	0	0	0	0	0
F33	1: suppresses query "Overheating steam generator" at start phase, 0: query done	0	0	0	0	0	0	0
F34	Locking Quick-Program B (Vacuklav)	0	0	0	0	0	0	0
F35	Locking Quick-Program SII (Euroklav)	1	1	1	1	1	1	1
F36	Check if switch temperature fractionation/sterilization since last fractionation	0	0	0	0	0	0	0
F37	Check connection MELAflash (MELAflash-Firmware V1.40A or higher required)	0	0	0	0	0	0	0
SN[]	(Sensor No., order connections on LP	Analogue masks						
		e.g.: if SN3 to 0 and instead of it SN5 to 3, a pressure sensor is used at the						
		respective calibration values are considered.						
		Analysis by SW as Hardware -channels:						
SN1	A/D_channel 1, AIN1, Temp_Chambr_Prog	1	1	1	1	1	1	1
SN2	A/D_channel 2, AIN2, Temp_Chambr_Dis1	2	2	2	2	2	2	2
SN3	A/D_channel 3, AIN3, Press_Chambr (0-10V/4-20mA/0-40mV)	3	3	3	3	3	3	3
SN4	A/D_channel 4, AIN2, Temp_Chambr_Dis1	4	4	4	4	4	4	4
SN5	A/D_channel 5, AIN5, Reserve (0-10V/4-20mA/Pt1000)	0	0	0	0	0	0	0
SN6	A/D_channel 6, AIN6: conductivity feed water	6	6	6	6	6	6	6
SN7	A/D_chanel 1, AIN2, on HC12, 8bit (Temp_Chambr_Dis2)	7	7	7	7	7	7	7
SN8	A/D_chanel 2, Ubatt,on HC12, 8bit (Reserve/Battery)	0	0	0	0	0	0	0
IM[]	Sets the polarity of the Digital Inputs (IM[]=0 : Input inverted)	Polarity Digital Inputs						
IM1	Door contact	1	1	1	1	1	1	1
IM2	Level/Steam generator overheated	1	1	1	1	1	1	1
IM3	Check cooling water	0	0	0	0	0	0	0
IM4	Check feed water (flow monitor)	1	1	1	1	1	1	1
IM5	Door locking	0	0	0	0	0	0	0
IM6	n.a./Check feed water (float switch)	1	1	1	1	0	0	0
IM7	n.a./Check waste water (float switch)	1	1	1	1	1	1	1
OM[]	Sets the polarity of the Digital Outputs (OM[]=0 : Output inverted)	Polarity Digital outputs						
OM1	Steam generator or tube-heating (Euroklav)	1	1	1	1	1	1	1
OM2	Pre-heating	1	1	1	1	1	1	1
OM3	Vacuum pump and/ pressure pump (Euroklav)	1	1	1	1	1	1	1
OM4	Reserve or fan cooler (V31)	1	1	1	1	1	1	1
OM5	Feed pump	1	1	1	1	1	1	1
OM6	SV vacuum/underpressure (Euroklav VS/Res. Euroklav)	1	1	1	1	1	1	1
OM7	SV Pressure release	1	1	1	1	1	1	1
OM8	SV ventilation/overpressure (Euroklav VS/Res. Euroklav)	1	1	1	1	1	1	1
OM9	SV CW/press. release (V31)/Current (Euroklav)	1	1	1	1	1	1	1

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
F27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F28	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1
F29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0
F30	1	1	1	1	0	0	0	0	1	1	1	0	1	1	1	0	0	0
F31	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F33	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F34	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F36	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
F37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SN[]																		
	e reserve Input,																	
SN1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SN2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SN3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SN4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
SN5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SN6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SN7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
SN8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM[]																		
IM1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IM2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IM3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM4	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0
IM5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM6	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IM7	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0
OM[]																		
OM1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	Type shortcut V=Vacuklav, C=Cliniklav E=Euroklav, M=MELAtronic, Q=MELAquick	V23	V23	V31	V31	V24	V24	V24L
new v	new version	4.12	4.13	4.12	4.13	4.12	4.13	4.12
old v	old version	4.08	4.09	4.08	4.09	4.08	4.09	4.08
OM10	Door locking	1	1	1	1	1	1	1
OM11	Reserve, intern	1	1	1	1	1	1	1
OM12	Reserve, intern	1	1	1	1	1	1	1
OM13	Reserve, intern	1	1	1	1	1	1	1
OM14	Reserve, intern	1	1	1	1	1	1	1
OM15	Reserve, intern	1	1	1	1	1	1	1
OM16	intern to Opto coupler Conductivity	1	1	1	1	1	1	1
Fj□	Display of one (or more) manufacture data	Year of construction						
Fj1	Year of construction of the unit (adjustable via Diagnosis-Program, displayed in "without comment" line on the printout)	2011	2011	2011	2011	2011	2011	2011
Fn□	Display of one (or more) serial no.	Manufacture number						
Fn1	Serial no. of the unit (adjustable via Diagnosis-Program, displayed in "without comment" line on the printout)	0	0	0	0	0	0	0

Parameter table MELAG Autoclaves Pro-Class/S-Class Software version 4.12/4.14

Abbr.	V24L	V30	V30	C25	Q12	M15E	E23	E23	E23V	E23V	E23V	E29	E29V	E29V	E29V	M15	M17	M23
new v	4.13	4.12	4.13	4.13	4.12	4.13	4.12	4.13	4.12	4.13	4.14	4.12	4.12	4.13	4.14	4.14	4.14	4.14
old v	4.09	4.08	4.09	4.09	-	4.12	4.08	4.09	4.08	4.09	4.10	4.08	4.08	4.09	4.10	4.13	4.13	4.13
OM10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OM16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fj□																		
Fj1	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
Fn□																		
Fn1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0