

Functions of the Standard Controllers

	R7	3216	3208	B500/ B510	C540/ C550	P570/ P580	D580 ⁴	3504	H500	H1700	H3700	NCC
Number of programs	1	1	1	5	10	50	> 50	25	20	20	20	100
Segments	1	8	1	4	20	40	7	500 ³	20	20	20	20
Extra functions (e. g. fan or autom. flaps) maximum				2	2	2-6		2-8 ³	3 ³	6/2 ³	8/2 ³	16/4 ³
Maximum number of control zones	1	1	1	1	1	3	1	2 ^{1,2}	1-3 ³	8	8	8
Drive of manual zone regulation				●	●	●		○	○	○	○	○
Charge control/bath control												
Auto tune		●	●	●	●	●		●				
Real-time clock				●	●	●	●		●	●	●	●
Graphic color display				●	●	●	●		4" 7"	7"	12"	22"
Graphic display of temperature curves (program sequence)							●					
Status messages in clear text			●	●	●	●	●	●	●	●	●	●
Data entry via touchpanel				●	●	●	●	●	●	●	●	●
Entering program names (i.e. "Sintering")				●	●	●	●			●	●	●
Keypad lock				●	●	●	●	●				
User levels				●	●	●	●		○	○	○	●
Skip-button for segment jump				●	●	●	●		●	●	●	●
Program entry in steps of 1 °C or 1 min.	●	●	●	●	●	●	1 sec.	●	●	●	●	●
Start time configurable (e. g. to use night power rates)				●	●	●	●	●	●	●	●	●
Switch-over °C/°F	○	○	○	●	●	●	●	○	●	● ³	● ³	● ³
kWh meter				●	●	●	●					
Operating hour counter				●	●	●	●		●	●	●	●
Set point output			○	●	●	●		○		○	○	○
NTLog Comfort for HiProSystems: recording of process data on an external storage medium									○	○	○	
NTLog Basic for Nabertherm controller: recording of process data with USB-flash drive				●	●	●	●					
Interface for VCD software				○	○	○						
Malfunction memory				●	●	●	●		●	●	●	●
Number of selectable languages				24	24	24	24					
Wi-Fi-capable („MyNabertherm“ app)				●	●	●	●					

¹Not for melt bath control

²Control of additional separate slave regulators possible

³Depending on the design

⁴Controls description for D580 see chapter „Firing furnace and pressing furnace“ in catalog „Dental Furnaces“

● Standard

○ Option

Which controller for which furnaces	L 1/12	L 3 - LT 60	LE	L(T) 9/11/SKM	LV(T)	L .. BO	L(T) .. SW	RD	R	RSH	RSV	RSRB	RSRC	RT	RHTC	RHTH/RHTV	TR	KTR	NAT	NA	TR .. LS	NA .. LS	LH, LF	N .. H	LHT .. (D)	LHTC(T)	LHT .. LB Speed	LHT .. SW	LHT .. BO	HT, HTC, HFL	N .. CUP	GR	LS	K	KC		
Catalog page	6	6,9,10	8	11	12	14	15	20	20	22	22	24	26	28	29	30	42	44	46	48	50	51	54	56	60	62	63	64	65	66-69	72	74	75	76	76		
Controller																																					
R7	●		●					●									●																		●		
3508																																					●
B500												●	●					●	● ³	●			●	●							●						
B510	●			●	●		●		●	●		●		●			○		● ³	●	●																
C540												○	○					○	○ ³	○			○	○													
C550	○			○	○	●	○		○	○		○	○	○			○		○ ³	○					●												
P570																●			○ ³	○	●						●			● ³						● ³	
P580	○			○	○	○	○		○	○		○	○	○	●		○		○ ³	○					●		●										
H500/PLC																○							○								● ³						
H1700/PLC																		○																			
H3700/PLC																																					
NCC																○																					

Mains Voltages for Nabertherm Furnaces

1-phase: all furnaces are available for mains voltages from 110 V - 240 V at 50 or 60 Hz.

3-phase: all furnaces are available for mains voltages from 200 V - 240 V or 380 V - 480 V, at 50 or 60 Hz.