

Programat® P310_{G2} / P510_{G2} / P710_{G2} / EP 3010_{G2} / EP 5010_{G2}

Firing program table °C

Version: 2; Date information prepared: 2025-06
Valid of Software V7.4 for P510_{G2}, P710_{G2}, EP 5010_{G2} and V7.5 for P310_{G2}, EP 3010_{G2}

Ivoclar		values in °C													
Program table				B	S	t	T	H	V1	V2	L	ti			IRT-t*
value ranges for all programs				Standby temp. [°C]	Closing time (mm:ss)	Temperature increase [°C]	Holding temp. [°C]	Holding time (hh:mm:ss)	Vacuum on [°C]	Vacuum off [°C]	Longterm cooling [°C]	Cool down gradient [°C]	[°C]	[hh:mm:ss]	IRT mode
				100	00:18	10	100	00:00:00	0	0	0	0	0	0	-
				700	30:00	140	1200	01:00:00	1200	1201	1200	50	700	01:00:00	-
groups of material	P.Nr.														
IPS Style	1	1st / 2nd powder opaquer firing	m.V.	403	04:00	100	870	01:00	450	869	off	off	off	00:00	Standard mode
	2	1st / 2nd paste opaquer firing	m.V.	403	06:00	100	870	02:00	450	869	off	off	off	00:00	Standard mode
	3	1st / 2nd Margin firing	m.V.	403	06:00	60	840	01:30	450	839	off	off	off	00:00	Standard mode
	4	1st Dentin/Incisal firing / One firing	m.V.	403	06:00	60	790	01:00	450	789	off	off	off	00:00	Standard mode
	5	2nd Dentin/Incisal firing / One firing	m.V.	403	06:00	60	780	01:00	450	779	off	off	off	00:00	Standard mode
	6	Stains firing Ivocolor	m.V.	403	06:00	60	750	01:00	450	749	off	off	off	00:00	Standard mode
	7	Glaze firing/Add-On with Glaze firing Ivocolor	m.V.	403	06:00	60	750	01:00	450	749	off	off	off	00:00	Standard mode
	8	Add-On after Glaze firing	m.V.	403	06:00	60	690	01:00	450	689	off	off	off	00:00	Standard mode
	9	Stains / Glaze firing Art	o.V.	403	06:00	60	750	01:00	off	off	off	off	off	00:00	Standard mode
IPS InLine	21	1st / 2nd powder opaquer firing	m.V.	403	04:00	100	960	02:00	450	959	off	off	off	00:00	Standard mode
	22	1st / 2nd paste opaquer firing	m.V.	403	06:00	100	930	02:00	450	929	off	off	off	00:00	Standard mode
	23	1st / 2nd Margin firing	m.V.	403	04:00	60	930	01:00	450	929	off	off	off	00:00	Standard mode
	24	1st Dentin / Incisal firing	m.V.	403	04:00	60	910	01:00	450	909	off	off	off	00:00	Standard mode
	25	2nd Dentin / Incisal firing	m.V.	403	04:00	60	900	01:00	450	899	off	off	off	00:00	Standard mode
	26	Margin Add-On firing	m.V.	403	04:00	60	900	01:00	450	899	off	off	off	00:00	Standard mode
	27	Add-On after Dentin/Incisal firing	m.V.	403	04:00	60	860	01:00	450	859	off	off	off	00:00	Standard mode
	28	Stain firing Ivocolor	m.V.	403	06:00	60	830	01:00	450	829	off	off	off	00:00	Standard mode
	29	Stain firing InLine	m.V.	403	06:00	60	850	01:00	450	849	off	off	off	00:00	Standard mode
IPS Empress Esthetic + CAD	30	Glaze firing Ivocolor	m.V.	403	06:00	60	830	01:00	450	829	off	off	off	00:00	Standard mode
	31	Glaze firing InLine	m.V.	403	06:00	60	850	02:00	450	849	off	off	off	00:00	Standard mode
	32	Add-On after Glaze firing	m.V.	403	04:00	60	690	01:00	450	689	off	off	off	00:00	Standard mode
	33	Stains / Glaze firing Art	o.V.	403	06:00	60	830	01:00	off	off	off	off	off	00:00	Standard mode
	41	Wash firing	m.V.	403	04:00	60	840	02:00	450	839	off	off	off	00:00	Standard mode
	42	1st/2nd Incisal firing	m.V.	403	04:00	60	830	02:00	450	829	off	off	off	00:00	Standard mode
	43	Shade / Stain firing Universal	m.V.	403	06:00	100	790	01:30	450	789	off	off	off	00:00	Standard mode
	44	Stain firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	off	off	off	00:00	Standard mode
	45	Glaze firing Universal	m.V.	403	06:00	100	790	01:30	450	789	off	off	off	00:00	Standard mode
IPS e.max Press Staining Tech.	46	Glaze firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	off	off	off	00:00	Standard mode
	47	Add-On	m.V.	403	04:00	60	770	02:00	450	769	off	off	off	00:00	Standard mode
	48	Stains / Glaze firing Art	o.V.	403	06:00	45	710	02:00	off	off	off	off	off	00:00	Standard mode
	61	Stain firing e.max Ceram	m.V.	403	06:00	60	770	01:30	450	769	off	off	off	00:00	Standard mode
	62	Stain firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	off	off	off	00:00	Standard mode
	63	Glaze firing e.max Ceram	m.V.	403	06:00	60	770	01:30	450	769	off	off	off	00:00	Standard mode
	64	Glaze firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	off	off	off	00:00	Standard mode
	65	Add-On after Glaze firing	m.V.	403	06:00	50	700	01:00	450	699	off	off	off	00:00	Standard mode
	66	Stains / Glaze firing Art	o.V.	403	06:00	45	710	02:00	off	off	off	off	off	00:00	Standard mode
IPS e.max Press Layering Tech.	81	Wash firing (foundation)	m.V.	403	04:00	90 / 20	650 / 730	00:00 / 02:00	400 / 650	650 / 729	off	off	off	00:00	Standard mode
	82	Wash firing characterization	m.V.	403	04:00	90 / 20	650 / 730	00:00 / 02:00	400 / 650	650 / 729	off	off	off	00:00	Standard mode
	83	1st/2nd Dentin/Incisal firing	m.V.	403	04:00	90 / 20	650 / 730	00:00 / 02:00	400 / 650	650 / 729	off	off	off	00:00	Standard mode
	84	Stain firing e.max Ceram	m.V.	403	06:00	60	725	01:00	450	724	off	off	off	00:00	Standard mode
	85	Stain firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	off	off	off	00:00	Standard mode
	86	Glaze firing e.max Ceram	m.V.	403	06:00	60	725	01:00	450	724	off	off	off	00:00	Standard mode
	87	Glaze firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	off	off	off	00:00	Standard mode
	88	Add-On + Glaze firing e.max Ceram	m.V.	403	06:00	60	725	01:00	450	724	off	off	off	00:00	Standard mode
	89	Add-On with Glaze firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	off	off	off	00:00	Standard mode
IPS e.max ZirPress Staining Tech.	90	Add-On after Glaze firing	m.V.	403	06:00	50	700	01:00	450	699	off	off	off	00:00	Standard mode
	91	Stains / Glaze firing Art	o.V.	403	06:00	60	710	01:00	off	off	off	off	off	00:00	Standard mode
	101	ZirLiner firing before wax-up	m.V.	403	04:00	40	960	01:00	450	959	off	off	off	00:00	Standard mode
	102	Stain firing e.max Ceram	m.V.	403	06:00	60	770	01:30	450	769	450	off	off	00:00	Standard mode
	103	Stain firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	450	off	off	00:00	Standard mode
	104	Glaze firing e.max Ceram	m.V.	403	06:00	60	770	01:30	450	769	450	off	off	00:00	Standard mode
	105	Glaze firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	450	off	off	00:00	Standard mode
	106	Add-On after Glaze firing	m.V.	403	06:00	50	700	01:00	450	699	450	off	off	00:00	Standard mode
	121	ZirLiner firing before wax-up	m.V.	403	04:00	40	960	01:00	450	959	off	off	off	00:00	Standard mode
IPS e.max ZirPress Layering Tech.	122	Wash firing (foundation)	m.V.	403	04:00	90 / 20	650 / 730	00:00 / 02:00	400 / 650	650 / 729	off	off	off	00:00	Standard mode
	123	Wash firing characterization	m.V.	403	04:00	90 / 20	650 / 730	00:00 / 02:00	400 / 650	650 / 729	off	off	off	00:00	Standard mode
	124	1st/2nd Dentin/Incisal firing	m.V.	403	04:00	90 / 20	650 / 730	00:00 / 02:00	400 / 650	650 / 729	off	off	off	00:00	Standard mode
	125	Stain firing e.max Ceram	m.V.	403	06:00	60	725	01:00	450	724	450	off	off	00:00	Standard mode
	126	Stain firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	450	off	off	00:00	Standard mode
	127	Glaze firing e.max Ceram	m.V.	403	06:00	60	725	01:00	450	724	450	off	off	00:00	Standard mode
	128	Glaze firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	450	off	off	00:00	Standard mode
	129	Add-On + Glaze firing e.max Ceram	m.V.	403	06:00	60	725	01:00	450	724	450	off	off	00:00	Standard mode
	130	Add-On with Glaze firing Ivocolor	m.V.	403	06:00	60	710	01:00	450	709	450	off	off	00:00	Standard mode
IPS e.max ZirCAD Staining Tech.	131	Add-On after Glaze firing	m.V.	403	06:00	50	700	01:00	450	699	450	off	off	00:00	Standard mode
	141	Stain firing Ivocolor	m.V.	403	06:00	45	710	01:00	450	709	450	off	off	00:00	Standard mode
	142	Glaze firing Ivocolor	m.V.	403	06:00	45	710	01:00	450	709	450	off	off	00:00	Standard mode
	143	Stains / Glaze firing Art 1-4 units	o.V.	403	06:00	45	710	02:00	off	off	off	off	off	00:00	Standard mode
	144	Stains / Glaze firing Art 5-7 units	o.V.	403	06:00	40	720	02:00	off	off	off	off	off	00:00	Standard mode
	145	Stains / Glaze firing Art 8-14 units	o.V.	403	06:00	30	730	02:00	off	off	off	off	off	00:00	Standard mode
	150	Regeneration firing	o.V.	403	00:18	65	1050	15:00	off	off	750	25	off	00:00	off
	161	Crystallization LT/MT/HT	m.V.	403	06:00	90 / 30	830 / 850	00:10 / 07:00	550 / 830	830 / 850	710	off	off	00:00	Crystallization mode
	162	Corrective/Stain firing	m.V.	403	06:00	90 / 30	830 / 850	00:10 / 03:00	550 / 830	830 / 850	710	off	off	00:00	Crystallization mode
IPS e.max CAD Crystall/Glaze	163	Fusion/Crystallization firing CAD-on	m.V.	403	02:00	30 / 30	830 / 850	02:00 / 07:00	550 / 830	830 / 850	610	off	40		

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Firing program table °F

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Valid of Software V7.4 for P510_{G2}, P710_{G2}, EP 5010_{G2} and V7.5 for P310_{G2}, EP 3010_{G2}

Ivoclar		values in °F		B		S		t		T		H		V1		V2		L		tl						IRT-t*			
Program table				MIN		Closing time (mm:ss)		Temperature increase (°F)		Holding temp. (°F)		Holding time (h:mm:ss)		Vacuum on (°F)		Vacuum off (°F)		Longterm cooling (°F)		Cool down gradient (°F)		[°F]		[h:mm:ss]		IRT mode			
value ranges for all programs				MAX		212		00:18		50		212		00:00:00		32		32		32		32		32		00:00		-	
groups of material		P.Nr.		1292		30:00		284		2192		01:00:00		2192		2194		2192		122		1292		01:00:00		-			
IPS Style				1	1st / 2nd powder opaquer firing	m.V.	757	04:00	180	1598	01:00	842	1596	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				2	1st / 2nd paste opaquer firing	m.V.	757	06:00	180	1598	02:00	842	1596	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				3	1st / 2nd Margin firing	m.V.	757	06:00	108	1544	01:30	842	1542	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				4	1st Dentin / Incisal firing / One firing	m.V.	757	06:00	108	1454	01:00	842	1452	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				5	2nd Dentin / Incisal firing / One firing	m.V.	757	06:00	108	1436	01:00	842	1434	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				6	Stains firing Ivocolor	m.V.	757	06:00	108	1382	01:00	842	1380	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				7	Glaze firing/Add-On with Glaze firing Ivocolor	m.V.	757	06:00	108	1382	01:00	842	1380	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				8	Add-On after Glaze firing	m.V.	757	06:00	108	1274	01:00	842	1272	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				9	Stains / Glaze firing Art	o.V.	757	06:00	108	1382	01:00	off	off	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
IPS InLine				21	1st / 2nd powder opaquer firing	m.V.	757	04:00	180	1760	02:00	842	1758	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				22	1st / 2nd paste opaquer firing	m.V.	757	06:00	180	1706	02:00	842	1704	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				23	1st / 2nd Margin firing	m.V.	757	04:00	108	1706	01:00	842	1704	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				24	1st Dentin / Incisal firing	m.V.	757	04:00	108	1700	01:00	842	1668	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				25	2nd Dentin / Incisal firing	m.V.	757	04:00	108	1652	01:00	842	1650	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				26	Margin Add-On firing	m.V.	757	04:00	108	1652	01:00	842	1650	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				27	Add-On after Dentin / Incisal firing	m.V.	757	04:00	108	1580	01:00	842	1578	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				28	Stain firing Ivocolor	m.V.	757	06:00	108	1526	01:00	842	1524	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				29	Stain firing InLine	m.V.	757	06:00	108	1562	01:00	842	1560	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				30	Glaze firing Ivocolor	m.V.	757	06:00	108	1526	01:00	842	1524	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				31	Glaze firing InLine	m.V.	757	06:00	108	1562	02:00	842	1560	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				32	Add-On after Glaze firing	m.V.	757	04:00	108	1274	01:00	842	1272	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				33	Stains / Glaze firing Art	o.V.	757	06:00	108	1526	01:00	off	off	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
IPS Empress Esthetic + CAD				41	Wash firing	m.V.	757	04:00	108	1544	02:00	842	1542	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				42	1st/2nd Incisal firing	m.V.	757	04:00	108	1526	02:00	842	1524	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				43	Shade / Stain firing Universal	m.V.	757	06:00	180	1454	01:30	842	1452	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				44	Stain firing Ivocolor	m.V.	757	06:00	108	1310	01:00	842	1308	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				45	Glaze firing Universal	m.V.	757	06:00	180	1454	01:30	842	1452	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				46	Glaze firing Ivocolor	m.V.	757	06:00	108	1310	01:00	842	1308	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				47	Add-On	m.V.	757	04:00	108	1418	02:00	842	1416	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				48	Stains / Glaze firing Art	o.V.	757	06:00	81	1310	02:00	off	off	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
IPS e.max Press Staining Tech.				61	Stain firing e.max Ceram	m.V.	757	06:00	108	1418	01:30	842	1416	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				62	Stain firing Ivocolor	m.V.	757	06:00	108	1310	01:30	842	1308	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				63	Glaze firing e.max Ceram	m.V.	757	06:00	108	1418	01:30	842	1416	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				64	Glaze firing Ivocolor	m.V.	757	06:00	108	1310	01:00	842	1308	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				65	Add-On after Glaze firing	m.V.	757	06:00	90	1292	01:00	842	1290	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				66	Stains / Glaze firing Art	o.V.	757	06:00	81	1310	02:00	off	off	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
IPS e.max Press Layering Tech.				81	Wash firing (foundation)	m.V.	757	04:00	162 / 36	1202 / 1346	00:00 / 02:00	752 / 1202	1202 / 1344	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				82	Wash firing characterization	m.V.	757	04:00	162 / 36	1202 / 1346	00:00 / 02:00	752 / 1202	1202 / 1344	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				83	1st/2nd Dentin / Incisal firing	m.V.	757	04:00	162 / 36	1202 / 1346	00:00 / 02:00	752 / 1202	1202 / 1344	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				84	Stain firing e.max Ceram	m.V.	757	06:00	108	1337	01:00	842	1335	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				85	Stain firing Ivocolor	m.V.	757	06:00	108	1310	01:00	842	1308	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				86	Glaze firing e.max Ceram	m.V.	757	06:00	108	1337	01:00	842	1335	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				87	Glaze firing Ivocolor	m.V.	757	06:00	108	1310	01:00	842	1308	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				88	Add-On + Glaze firing e.max Ceram	m.V.	757	06:00	108	1337	01:00	842	1335	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				89	Add-On with Glaze firing Ivocolor	m.V.	757	06:00	108	1310	01:00	842	1308	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				90	Add-On after Glaze firing	m.V.	757	06:00	90	1292	01:00	842	1290	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				91	Stains / Glaze firing Art	o.V.	757	06:00	108	1310	01:00	off	off	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
IPS e.max ZirPress Staining Tech.				101	ZirLiner firing before wax-up	m.V.	757	04:00	72	1760	01:00	842	1758	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				102	Stain firing e.max Ceram	m.V.	757	06:00	108	1418	01:30	842	1416	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
				103	Stain firing Ivocolor	m.V.	757	06:00	108	1310	01:30	842	1308	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
				104	Glaze firing e.max Ceram	m.V.	757	06:00	108	1418	01:30	842	1416	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
				105	Glaze firing Ivocolor	m.V.	757	06:00	108	1310	01:30	842	1308	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
				106	Add-On after Glaze firing	m.V.	757	06:00	90	1292	01:00	842	1290	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
IPS e.max ZirPress Layering Tech.				121	ZirLiner firing before wax-up	m.V.	757	04:00	72	1760	01:00	842	1758	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				122	Wash firing (foundation)	m.V.	757	04:00	162 / 36	1202 / 1346	00:00 / 02:00	752 / 1202	1202 / 1344	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				123	Wash firing characterization	m.V.	757	04:00	162 / 36	1202 / 1346	00:00 / 02:00	752 / 1202	1202 / 1344	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				124	1st/2nd Dentin / Incisal firing	m.V.	757	04:00	162 / 36	1202 / 1346	00:00 / 02:00	752 / 1202	1202 / 1344	off	off	off	off	off	off	off	off	off	00:00	Standard mode					
				125	Stain firing e.max Ceram	m.V.	757	06:00	108	1337	01:00	842	1335	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
				126	Stain firing Ivocolor	m.V.	757	06:00	108	1310	01:00	842	1308	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
				127	Glaze firing e.max Ceram	m.V.	757	06:00	108	1337	01:00	842	1335	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
				128	Glaze firing Ivocolor	m.V.	757	06:00	108	1310	01:00	842	1308	842	off	off	off	off	off	off	off	off	00:00	Standard mode					
				129	Add-On + Glaze firing e.max Ceram	m.V.	757	06:00	108																				