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## Sintering

### NexxZr<sup>®</sup> S, NexxZr<sup>®</sup> T, NexxZr<sup>®</sup> +

	Number of units	Duration	Phase	Temperature	Heating/ Cooling rate	Temperature	Heating/ Cooling rate	Holding time
				°C	°C/min.	°F	°F/min.	min.
Standard	1-5	~ 3.7	1	20-1300	30	68-2372	54	30
			2	1300-1530	40	2372-2786	72	60
			3	1530-900	15	2786-1652	27	-
			4	900-80	20	1652-176	36	-
	5-10	~ 5.2	1	20-1300	30	68-2372	54	60
			2	1300-1530	40	2372-2786	72	120
			3	1530-900	15	2786-1652	27	-
			4	900-80	20	1652-176	36	-
Long	1-20	~ 10.7	1	20-900	10	68-1652	18	10
			2	900-1530	3	1652-2786	5.4	150
			3	1530-80	8	2786-176	14.4	-
	> 21	~ 11.7	1	20-900	10	68-1652	18	10
			2	900-1530	3	1652-2786	5.4	210
			3	1530-80	8	2786-176	14.4	-
Over night	unlimited	~ 14.3	1	20-250	2	68-482	3.6	-
			2	250-1530	4	482-2786	7.2	240
			3	1530-80	8	2786-176	14.4	-




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## Sintering

# NexxZr®+ Multi, NexxZr® T Multi

	Number of units	Duration h	Phase	Temperature	Heating/ Cooling rate	Temperature	Heating/ Cooling rate	Holding time
				°C	°C/min.	°F	°F/min.	min.
Speed	1-5	~4.8	1	20-1000	60	68-1832	108	10
			2	1000-1530	3	1832-2786	5.4	60
			3	1530-1100	50	2786-2012	90	-
			4	1100-80	60	2012-176	108	-
Long	unlimited	~9.6	1	20-900	10	68-1652	18	30
			2	900-1500	3	1652-2732	5.4	120
			3	1500-900	10	2732-1652	18	-
			4	900-300	8	1652-572	14.4	-

 Depending on the furnace type and esthetic result, the sintering temperature may have to be increased to 1530 °C / 2786 °F.

 Sagemax Bioceramics, Inc., Federal Way, WA, USA

 See instructions **CE 0123** Rx only. For dental use only!



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## Zirconia Portfolio

# NexxZr®



Product	NexxZr S	NexxZr T	NexxZr T Multi	NexxZr+	NexxZr+ Multi
Strength	1370 MPa	1270 MPa	Incisal 630 MPa Dentin 1170 MPa	Preshaded 880 MPa White 1000 MPa	Incisal 630 MPa Dentin 880 MPa
Translucency	30%	42%	Incisal 49% Dentin 42%	46%	Incisal 49% Dentin 46%
Colors	White	White, OM1, OM2, OM3, A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4	BL1, BL2, BL3, BL4, A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4	White, A1, A2, A3, A3.5, B1, B2	A1, A2, A3, B1, B2, C2, D2
Geometries	W-98, Z-95	W-98, Z-95	W-98, Z-95	W-98, Z-95	W-98, Z-95
Thicknesses	10, 12, 14, 16, 18, 20, 22, 25 mm	10, 12, 14, 16, 18, 20, 22, 25, 30 mm	16, 20 mm	10, 12, 14, 16, 18, 20, 22, 25, 30 mm	16, 20 mm

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