



NexxZr.T Multi

Multifunctional esthetics.  
Multiple indications.

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# NexxZr® T Multi



NexxZr® T Multi is a dental multilayer zirconium oxide (3Y-TZP cervical, 5Y-TZP incisal) of the latest generation.

The combination of the very high flexural strength (1170 MPa cervical, 630 MPa incisal) and the smooth gradient of color and translucency makes the difference. This combination offers optimal conditions for the fabrication of monolithic or anatomically reduced single-tooth and bridge restorations. The specially developed multi concept changes the mechanical and light-optical properties of the material in a smooth gradient from cervical to incisal. The high-quality production process provides tension-free sintering and high accuracy of fit even with long-span restorations.

## Technical data



**Type**  
5Y-TZP (incisal)  
3Y-TZP (cervical)



**Flexural strength**  
630 MPa (incisal)  
1170 MPa (cervical)



**Translucency**  
49% (incisal)  
42% (cervical)



**Indications**  
Single-unit restorations up to multi-unit bridges

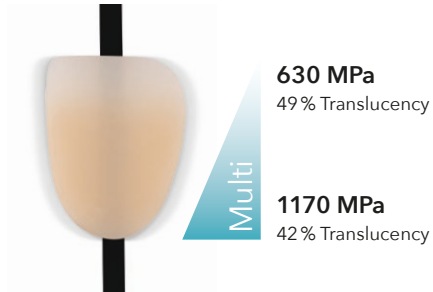


**Processing techniques**  
Infiltration technique  
Staining technique  
Cut-back technique  
( $CTE_{Ceramic} < 10.0 \times 10^{-6}/K$ )

## Highlights

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### 1 Smooth color and translucency gradient Multifunctional esthetics



Medium translucency



Smooth color and translucency gradient

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### 2 High strength Wide variety of indications



Single-unit restoration up to multi-unit bridges - all with one material

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### 3 High-quality production process Tension-free sintering without distortion and high accuracy of fit

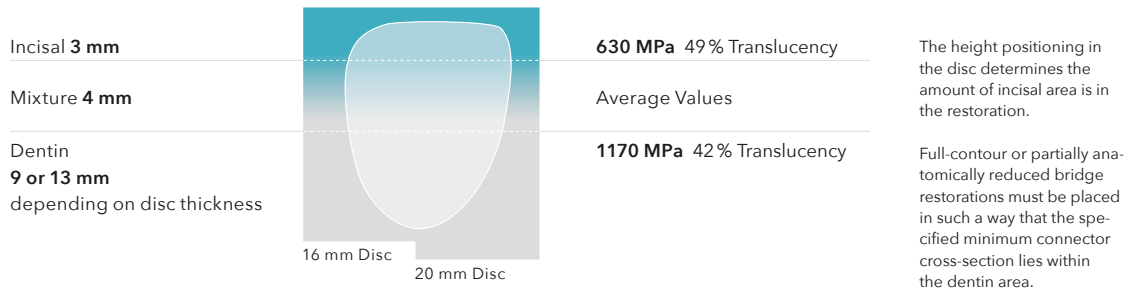


High accuracy of fit,  
even for wide-span restorations

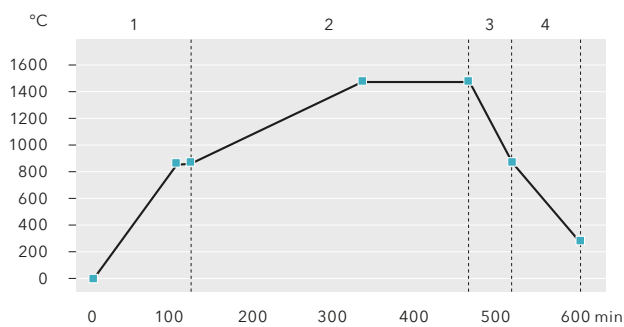


Fabrication via cold  
isostatic pressing process (CIP)

## Multilayer concept



## Sintering program



Phase	Temperature °C	Heating/Cooling rate °C/min.	Holding time min.
1	20 - 900	10	30
2	900 - 1500	3	120
3	1500 - 900	10	-
4	900 - 300	8	-

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

For more detailed information, please refer to the NexxZr instructions for use.



## Delivery forms

Geometries	Thicknesses	Colors
W-98, Z-95	16, 20 mm	BL1, BL2, BL3, BL4, A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4

## Other top products



### NexxZr Tool D

High-performance dental milling tools made of premium carbide with an ultra-hard, nanocrystalline diamond coating



### NexxZr T

A zirconium oxide with medium translucency and high flexural strength for a variety of indications and processing options



### NexxZr+ Multi

Multilayer zirconium oxide with natural esthetic



### PMMA Disc Multi

Highly cross-linked polymethyl methacrylate with integrated shade gradient for CAD/CAM-fabricated temporaries

### Sales & Technical Support EMEA

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