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IPS e.max® ZirCAD MT Multi The **esthetic** disc

IPS e.max® ZirCAD MT Multi is suitable for the production of esthetic zirconium oxide restorations in the anterior and posterior region.

The progression of shade and translucency maximizes the appearance of monolithic crowns and bridges without necessitating the application of characterizations and optimizes the efficiency in the lab. Reproducing the tooth shade is made easy by the polychromatic discs in the A-D shades.



An optimized raw material mixture provides the material with enhanced mechanical properties (850 MPa¹).

¹ Mean biaxial flexural strength, R&D Ivoclar Vivadent, Schaan, Liechtenstein

Indications:

- Monolithic crowns
- Monolithic bridges with three units
- Implant-supported superstructures

Minimally invasive restorations

Low wall thicknesses (0.8 mm/1.0 mm)² allow for tooth structure-preserving restorations even if space is limited.



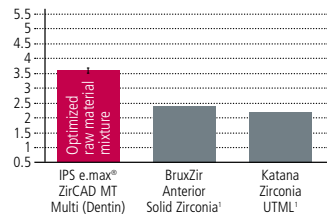
² Anterior tooth/posterior tooth

Esthetic
monolithic
restorations
for
versatile
indications

Maximum flexibility Impressive strength

Fracture toughness [MPa · m^{1/2}]

A high fracture toughness increases the ability to resist crack propagation. The higher the measured value, the better the long-term clinical performance.

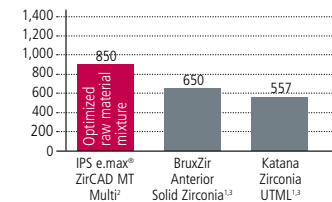


Fracture toughness measured by the Vickers indentation method
R&D Ivoclar Vivadent AG, Schaan, Liechtenstein (2017).

¹ These brands are not registered trademarks of Ivoclar Vivadent AG.

Flexural strength [MPa]

A high flexural strength is of significant importance for restorations in stress-bearing areas. Flexural strength is calculated on the basis of the fracture load, or the force applied to a material just before it yields.



¹ These brands are not registered trademarks of Ivoclar Vivadent AG.

² Mean biaxial flexural strength,

R&D Ivoclar Vivadent, Schaan, Liechtenstein

³ Flexural strength according to manufacturer's data

More robust
than popular
highly
translucent
zirconium
oxides
with shade
progression

Versatile processing options
Convincing **efficiency**



- **Time-saving processing options**
Mill, sinter, glaze – done. It's that easy to achieve an esthetic restoration. IPS e.max ZirCAD MT Multi restorations can optionally be stained.
- **High productivity when sintering**
The Programat® S1 1600 offers a speed sintering program for IPS e.max ZirCAD MT Multi restorations. In addition, all IPS e.max ZirCAD restorations can be sintered together using a single program.

Only
few
working steps
to achieve
convincing
results

Natural esthetics
Predictable **outcomes**



- **Natural shade progression**
High translucency in the incisal area and natural-looking chroma in the dentin region. The natural progression of shade and translucency as well as the material's opacity make your restorations an esthetic highlight.
- **Exact shade reproduction and easy shade selection**
The preshaded polychromatic discs allow for a very exact reproduction of the A-D shades. The selection of the appropriate material is made easy with the IPS e.max Shade Navigation App.



Restorations
with
astonishing
naturalness
and
impressive
esthetics



Michele Temperani,
Italy

” *IPS e.max ZirCAD MT Multi allows you to significantly increase the efficiency in your lab. Only few working steps are required to achieve astonishing results. The material offers a convincing solution for the fabrication of esthetic, high-strength monolithic restorations.* ”

The **most esthetic high strength multi-translucent¹ zirconia**



Michele Temperani, Italy

¹ composed of different material classes