

IPS e.max® ZirCAD

Zirconium oxide ceramic (ZrO₂)

IPS e.max® ZirCAD empowers dental professionals to create and complete esthetic monolithic zirconium oxide restorations efficiently in the dental office using a speed sintering procedure.

Two groups of materials combined into one – this is what makes IPS e.max ZirCAD MT Multi special: the 5Y-TZP zirconium oxide is translucent and imparts high levels of translucency to the incisal area, while the more opaque 4Y-TZP zirconium oxide lends high strength to the dentin area¹.

In addition, the material features a specially designed gradual progression of shade and translucency, consisting of 60% dentin, 20% transition and 20% incisal zone. This distribution reflects the natural progression from dentin to incisal and imparts natural esthetic characteristics to the restorations, even without characterization.

Processing options:

Once sintered, the restorations can either be:

- glazed and fired,
- stained (optional), glazed and fired,
- polished.

Indications:

- Crowns
- Three-unit bridges

Advantages:

- Chairside zirconium oxide restorations allow practices to expand their portfolio of offerings
- Pleasing esthetics combined with high strength
- Tooth structure preserving preparation
- Natural fluorescence with IPS e.max CAD Crystall./Glaze Fluo paste
- Versatile cementation options: conventional, adhesive or self-adhesive

Block sizes:

- 2 (C 17 and B 45)

Translucency levels:

- One translucency level and one Multi block (MT Multi – Medium Translucency, LT – Low Translucency)

Shades:

- 8 (BL or BL1, A1, A2, A3, B1, B2, C2, D2)

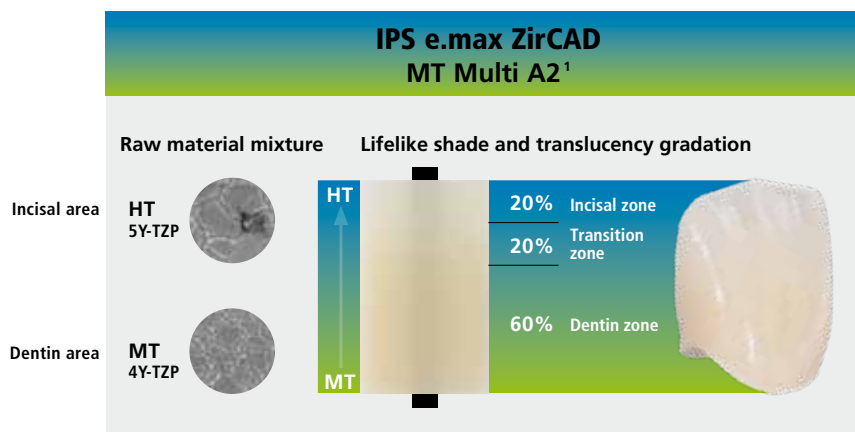
Delivery forms

IPS e.max® ZirCAD for CEREC®/inLab® Starter Kit MT Multi	694514
IPS e.max® ZirCAD for CEREC®/inLab® Starter Kit LT	686282
IPS e.max® ZirCAD for PlanMill® Starter Kit MT Multi	694516
IPS e.max® ZirCAD for PlanMill® Starter Kit LT	686283

Block C14, shades: A1, A2, A3	2 blocks each
Block B45, shade: A2	1 block
IPS e.max CAD Crystall./Glaze Paste Fluo	1 x 3 g
Ivoclean	1 x 5 g
SpeedCEM Plus	1 x 9 g
OptraGate Small	1x
OptraGate Regular	1x
var. accessories	

Refill IPS e.max® ZirCAD blocks

see p. 48



- Two different raw powders
- Realistic progression of translucency from dentin to incisal



¹ Typical mean value of the biaxial flexural strength: IPS e.max ZirCAD LT 1,200 MPa, MT Multi 850 MPa, R&D Ivoclar Vivadent AG, Schaan, Liechtenstein