

# IPS e.max<sup>®</sup> CAD



## Outstanding Aesthetics

IPS e.max<sup>®</sup> CAD utilises the same high-performance lithium disilicate ceramic material as traditional pressed IPS e.max<sup>®</sup> matching its aesthetic qualities.

It does so whilst also giving all the advantages of CAD/CAM manufacture including accurate fit and consistent quality. These single-unit crowns are milled by our sister company Core3dcentres, an Ivoclar Vivadent - authorised milling centre.

This innovative crown is 2.5 to 3 times stronger than layered porcelain crowns at 360 - 400 MPa. IPS e.max<sup>®</sup> CAD is an ideal material for crowns as it exhibits aesthetic properties of both translucency and opalescence with assured biocompatibility.

### Indications:

- Anterior Crowns
- Posterior Crowns
- Inlays / Onlays
- Crowns placed on implants

### Advantages:

- **Aesthetics** - Beautiful, natural tooth restoration due to the translucency and light diffusion properties of IPS e.max lithium disilicate
- **Accuracy** - CAD/CAM milled producing a far superior fit than can be achieved by technicians using traditional methods
- **Strength** - Optimised translucency, durability and strength for full anatomical restorations

### Disadvantages:

Not suitable for full veneers on molar crowns or very deep sub gingival preparations. E.max restorations are not recommended for patients with substantially reduced residual dentition and bruxism.



### Product Facts

Impression Technique	Traditional or Digital
Material	Ivoclar e.max lithium disilicate
Indications	Anterior crown, posterior crown
Recommended use	Crowns, inlays/onlays, veneers
Margins	Chamfer or shoulder
Cementation	Conventional cementation or adhesively bonded
Turnaround Time	5 Lab Days
Method of manufacture	Digitally designed and manufactured
Aesthetics	✓✓✓✓
Shades / colouring	Customised shading
Strength	✓✓✓
Add-on options	None
Benefits	Independent aesthetics, excellent fit, metal-free
Warranty	5 years for complete restoration
Type	Independent Crown
Popularity	✓✓✓✓



Help your patients understand your recommended restoration with our patient friendly cards.

### Patient Support Literature

For more information or to order literature please call  
0141 556 5619 or email  
restorations@dts-international.com

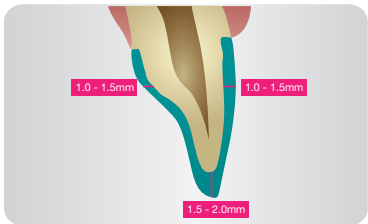


**DTS**  
**DIGITAL**

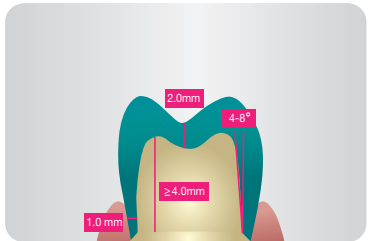
Recommended for  
use in conjunction  
with Oral Scanners

To find out more about our digital workflows or to make the first step into digital dentistry please contact us on  
**0141 556 5619** or email **scans@dts-international.com**

### Preparation Guide



Recommended preparation for anterior teeth



Recommended preparation for posterior teeth

#### What to use to attach to natural tooth:

The opinion that all-ceramic restorations have to be adhesively cemented is outdated. IPS e.max CAD crowns offer flexibility in cementation, as they can be seated adhesively, self-adhesively and conventionally. Depending on the indication, you may choose between the tried-and-tested adhesive and conventional cementation materials from the coordinated assortment.

In general, IPS e.max CAD crowns are etched before they are placed.

#### Conclusion:

DTS are here to help and advise you on the restorations we provide. Please contact us for up to date advice on techniques, materials and best practices. Also help us, if you find a better way to work with the products we provide please tell us as we are always willing to listen and learn from our customers experiences.

DIGITAL RESTORATIONS

PROSTHETICS

IMPLANTS

CROWN & BRIDGE