

## IVOCLAR VIVADENT

175 Pineview Drive  
Amherst, NY 14228-2286  
800-533-6825  
800-263-8182 (Canada)  
www.ivoclarvivadent.com

### PASSION, VISION, INNOVATION

Ivoclar Vivadent is a leading international dental manufacturer of quality, innovative materials and equipment. Ivoclar Vivadent offers a full range of products for preventive, restorative, and prosthetic dentistry in more than 120 countries. Throughout its history, Ivoclar Vivadent has been a company committed to the success of the dentist, the success of the dental technician, and the satisfaction of the patient by providing innovative products, technical support, and world-class customer service.



### STRENGTH IN QUALITY ESTHETICS

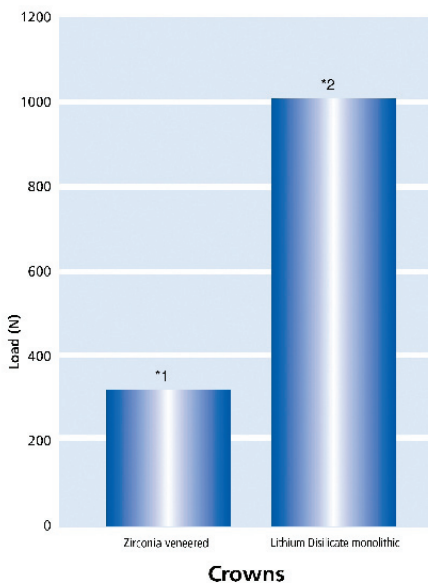
#### IPS e.max®

The IPS e.max® family of ceramics delivers the ultimate in metal-free esthetics and strength, using both pressable and CAD/CAM technologies. A recent study by researchers in the Department of Biomaterials and Biomimetics at New York University College of Dentistry (NYU) recently determined through mechanical mouth-motion simulator testing that IPS e.max lithium disilicate ceramic is the most robust all-ceramic material tested to date. From millable IPS e.max CAD lithium disilicate and ZirCAD zirconia to pressable IPS e.max Press lithium disilicate, IPS e.max gives you the versatility to handle the most complex cases. Now you can produce the highest-quality esthetic restorations using the most progressive fabrication methods with the industry's most innovative materials.

#### IPS e.max key features:

- » Outstanding esthetics
- » Proven durability
- » Conventional or adhesive cementation
- » Press and CAD/CAM fabrication techniques optimizing both strength and fit
- » Single overlay ceramic delivering one smile chemistry

#### Material Survival with Cyclic Fatigue Testing



\* Mouth Motion Fatigue and Durability Study  
Felix C. 06/06, Ricardo Cavallari, Nelson Alberto Van F. Thompson, M.D.  
\* 95% failure at 120,000 cycles  
\* No failures at 1 m. 100 cycles





Programat P500  
porcelain firing furnace.



Programat S1®  
sintering furnace.

**Programat key features:**

- » QTK muffle technology that delivers homogenous heat distribution
- » Fast opening system for improved efficiency
- » Individual pre-drying, conducted while the furnace head is open, provides an additional pre-drying function prior to starting the closing procedure



Programat EP 5000  
combo firing and  
pressing furnace.

**FIRE, PRESS,  
OR SINTER**

**Programat P300, P500, P700,  
EP 3000, EP 5000, and  
Programat S1®**

The Programat line of porcelain and sintering furnaces features contemporary designs and offers a wide range of standard firing programs that are coordinated with Ivoclar Vivadent's ceramic materials. The Programat P300, P500, and P700 are strictly porcelain firing furnaces, while the EP 5000 and EP 3000 combine firing power with an electronic press drive to expand capabilities to creating press-to restorations. The newest addition to the line is the Programat S1 sintering furnace, an efficient and economical furnace that sinters single-unit zirconia frames in 90 minutes.

**SRPhonares® NHC implant denture teeth**

The SRPhonares® NHC (Nano Hybrid Composite) line of highly wear-resistant and esthetic implant teeth are specifically designed for demanding indications including implant-stabilized, partial, and complete removable prosthetics. The new composite filler technology incorporates inorganic microfillers and silica-based nano fillers to deliver durability, while the hybrid makeup of the fillers promotes natural light transmission for exceptional esthetics.

