

The ceramic of the future?

VITA ENAMIC®



The new hybrid
ceramic everyone
is talking about



10 Facts & Features

VITA ENAMIC is

1. The first hybrid dental ceramic in the world with dual network structure
2. The perfect combination of stability and elasticity

VITA ENAMIC ensures

3. Enormous strength since masticatory forces are absorbed
4. Utmost reliability
5. Precise and accurate restorations
6. Excellent final results with superb esthetics
7. Fast and efficient processing

VITA ENAMIC is particularly suitable for

8. Posterior crowns
9. Minimally invasive restorations

VITA ENAMIC is available

10. In 5 shades and 2 translucency levels

The **En** formula for success: strength + elasticity = reliability²

VITA ENAMIC[®]

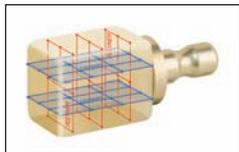
10 Facts & Features

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1. The first hybrid dental ceramic in the world with dual network structure

The ceramic-polymer network structure combines the positive properties of both materials in a hybrid material.



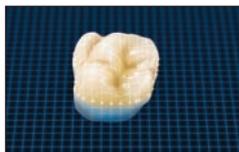
2. The perfect combination of stability and elasticity

The dominant basic ceramic network (86% by weight) ensures stability and the polymer network (14% by weight) guarantees elasticity.



3. Enormous strength since masticatory forces are absorbed

The dual network structure ensures enormous strength. Masticatory forces are absorbed by the polymer network.

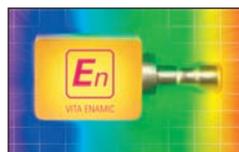


5. Precise and accurate restorations

Exceptional edge stability and reproduction of details ensure accurate results.

4. Utmost reliability and integrated crack-stop function

In comparison with other dental materials, the highest Weibull modulus is achieved. Moreover, it was found that possible crack formation in the ceramic is stopped by the polymer network.



6. Excellent final results with superb esthetics

The material exhibits excellent light conductivity, blends perfectly into the residual tooth substance and produces a natural play of colours.



7. Fast and efficient processing

Shorter milling times than those of comparable materials and considerably extended service life of milling tools.

Kronen auf Zahnstümpfen			
Onlays/Inlays			
Veneers			

recommended by VITA

8. Posterior crowns

Crowns in the posterior region benefit from the special absorption properties of the polymer network.

9. Minimally invasive restorations

Prevention of tooth substance is possible thanks to the ability to fabricate high-precision restorations with reduced wall thickness.

	OM1	1M1	1M2	2M2	3M2
HT					
T					

10. In 5 shades and 2 translucency levels

VITA ENAMIC is available in five VITA SYSTEM 3D-MASTER SHADES (OM1 TO 3M2) and two translucency levels.



"I love Enamic, I'm totally sold. I like the fact you don't get chipping at the margins when milling thinner sections which means you can be more conservative with your preps. Mostly though it's Enamic's ease of use and the fact that it polishes up so easily to a lovely shine that does it for me."

Dr Robert Muirhead BDS
Muirhead & Associates, Bradford

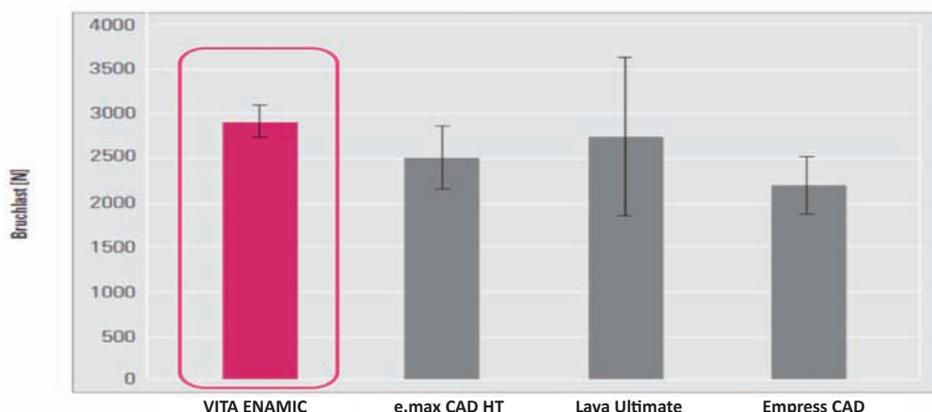


VITA ENAMIC® - A new definition of resistance



Source: VITA R&D; Test: molar crowns, hybrid ceramic dies (E-modulus similar to dentin) cemented with RelyX Unicem, stored and statically loaded until fracture occurred!

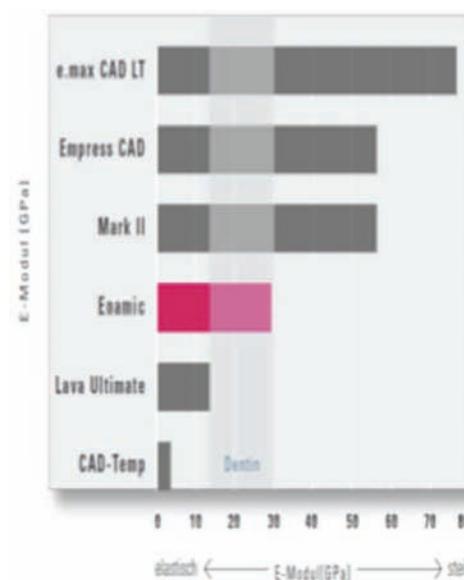
Summary: In this test design, VITA ENAMIC exhibits the highest fracture load of approx. 2,890 Newton (N) and the lowest standard deviation



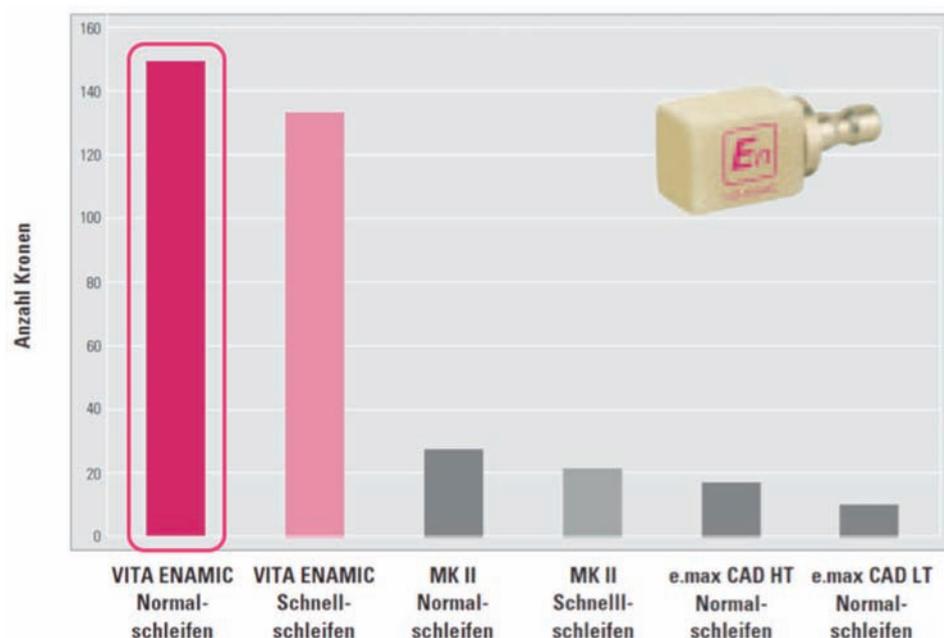
VITA ENAMIC® - For elasticity

VITA ENAMIC is the only material in the test that features elasticity of 30 GPa, a value within the range of natural (human) dentine

Important: The hybrid ceramic is not a composite since the ceramic and polymer networks (dual network structure) penetrate one another completely.



VITA ENAMIC® - For longer bur-wear and efficient milling



Source: VITA R&D; Test: Using one pair of milling tools each, as many molar crowns as possible were milled from various CAD/CAM materials in the Sirona MC XL milling system.

VITA ENAMIC can be milled more efficiently than comparable materials. In the direct comparison, the material allows to achieve the longest service life of milling tools (approx. 148 or 132 milled crowns).



More information is available at:

www.vita-enamic.de / www.vita-enamic.com / www.dental-visionist.de
dental-visionist.com / www.panadent.co.uk

Or call Panadent on 01689 88 17 88

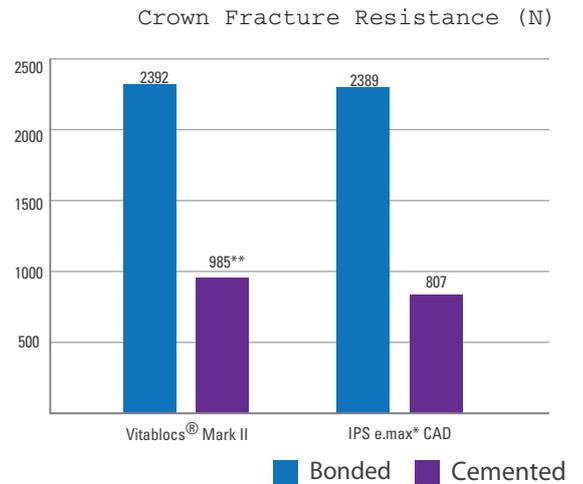




Vitablocs®

The bedrock of Cerec for more than 25 years!

It's no coincidence that VITABLOCS Mark II produce superior results in practice and in science. Dentists particularly appreciate the fact that VITABLOCS Mark II are available in up to 15 shades, 6 sizes and 3 variations, covering a wide range of indications and ensuring excellent aesthetics, quality and long-term results.



Bindl, A, Lüthy, H, Mormann, WH, Strength and fracture pattern of monolithic CAD/CAM generated posterior crowns, Dental Materials, 2006 Jan; 22:29-36

* Not a registered trademark of VITA or Vident; ** Cementation not recommended

Vitablocs® Advantages:

VITABLOCS Firsts

- First and only CAD/CAM blocks specifically designed for CEREC
- First fine-structure dental ceramic blocks in the world
- First glass-infused ceramic blocks
- First multi-coloured, layered blocks
- First 3-dimensional block structure
- First CAD/CAM block veneering material for bridges

VITABLOCS Mark II Benefits

- Outstanding aesthetics in one visit
- Clinical studies demonstrating long-term success (18 years plus!)
- Natural, lifelike look and feel

VITABLOCS Mark II Advantages

- Multiple indications - one product family
- Minimizes bur wear
- Wide range of shades and sizes
- Wears like enamel against opposing dentition

The VITABLOCS Mark II Experience

By using VITABLOCS Mark II, you ensure:

- clinical success
- biocompatibility
- outstanding aesthetics



Vitablocs® Success Stories:



"I have been using Vitablocs for over 7 years and have completed thousands of restorations from simple inlays to complete smile makeovers with veneers and crowns. The Vitabloc is the most widely used and clinically tested CEREC material in the world and Vitablocs are my number one choice when prescribing CEREC restorations for my patients"

Dr. Simon C Smyth BDS
Hampshire dentist and CEREC user



"Vita Mark II blocs save time and I am guaranteed stunning aesthetics! I also like Vita Triluxe finer nuances in shade transition that make the restoration look so natural! Vitablocs Mark II are definitely my preferred blocs."

Dr. Raj Panesar
London dentist and CEREC user



"Since 2004 my choice to provide highly aesthetic, durable results with CEREC dentistry has been Vita Mark II and Vita Triluxe blocks. Anterior or posterior, singles or multiples, provincial practice or London's Harley Street.... These blocks have proven themselves in my hands and those of my delegates on my courses. The comparison to natural tooth has to be seen to be believed."

Dr. Gulshan Murgai BDS (U. Birm.)
Hertfordshire dentist, CEREC user and Accredited CEREC trainer



VITA VACUMAT 6000M

Porcelain furnace with V Pad Clinical

This fully automatic microprocessor - controlled firing unit is ideal for all ceramic materials available on the market. For atmospheric and vacuum (pre vacuum and main vacuum) firings. For furnace soldering of ceramic work. For special programmes such as crystallisation firing. Thanks to its ergonomic design, the unit takes little place on the bench unit and includes a host of new features to ensure first rate firing results, user safety and convenience.



Vita Linear Shade Guide

Navigate your way to Better Shade Determination with the Vita Linear Shade Guide

Expertise, Quality, Efficiency and Reliability

- Ease of use of Classical shade guide and Accuracy of Vita 3D system.
- Developed in conjunction with the Dental Branch of the University of Texas, the system contains the same 29 shades as the Vita Toothguide 3D-Master.
- The modern design and systematic structure of the Vita Linearguide enables the appropriate 3D-Master shade to be found quickly and accurately.

Vita's new Linearguide enables you to take shades swiftly and accurately. Vita's 3D technology upgrades your conventional shade taking to precise shade determination which can be accurately communicated to and reproduced with greater ease and accuracy by your laboratory.



NEW!

Vita Easyshade Advance V4 Perfect, Pure Shade Determination

- With Vita Easyshade Advance shade determination has now reached unprecedented levels of accuracy.
- The system, incorporating Vita ShadeAssist software delivers precise and unmistakable communication between dental practices and laboratories.
- With it's own LED light source the Easyshade Advance generates precise measurements in all lighting conditions and at any time of the day or year.
- Ergonomic design ensures easy operation and maximum comfort for the patient.
- Visit www.panadent.co.uk to see a video demonstration of the Easyshade Advance.



VITA

Start Up Options

2013		Furnace required for Vitabloc staining (no need for vacuum pump) E-Max (requires pump) Enamic, no furnace required		Set up 1	rrp	Set up 2	rrp	Set up 3	rrp	Set Up 4	rrp
	48.E DV6000M220	Vacumat 6000 M only firing unit coated	£2600.00			•	£2600.00	•	£2600.00		
	48.E DVPADCLIN	Vacumat 6000 vPad clinical (for Vacumat 6000M)	£1243.00			•	£1243.00	•	£1243.00		
DVPADE	DVPADE	VACUMAT 6000 vPad easy	£646.50								
	48.E DVPU220	Vacumat Vacuum Pump (for all models)	£784.00					•	£784.00		
		Full Kit for Vitabloc Startup									
	EC43D	VITA CEREC 3 3D-MASTER Assortment Kit	£659.60			•	£659.60	•	£659.60		
	EC4SASET3D	VITA CEREC 3D-MASTER SAMPLE SET	£70.90								
Kit	48.C EC4EMSTSETC	Enamic Starter Set Clinical	£950.00	•	£950.00	•	£950.00	•	£950.00	•	£950.00
Pack of 2	48.C EC4EM14HTSS	Enamic High Trans Sample Set 1M1, 2M2, EM14; 2 BLOCKS	£35.00								
Kit	48.C EENSTKIT	Enamic Stains Kit	£400.00	•	£400.00	•	£400.00	•	£400.00	•	£400.00
		VITABLOCS									
5 pcs.	*****	VITABLOCS Mark II for CEREC/inLab 3D-MASTER, V5-12, I8, I10, I12	£49.60							•	
		Triluxe forte for CEREC / inLab									
5 pcs	*****	VITABLOCS Triluxe forte for CEREC / inLab TF-14	£64.60			•	£ 64.60	•	£64.60	•	£64.60
		VITABLOCS RealLife for CEREC/inLab, RL-14/14									
5 pcs	*****	VITABLOCS RealLife for CEREC/inLab, RL-14/14	£89.30			•	£89.30	•	£89.30	•	£89.30
		VITA CAD-Temp multicolor for CEREC/inLab									
2 pcs.	*****	VITA CAD-Temp multiColor for CEREC/inLab; CTM-40	£36.80								
	48.C ECSCAN75	Vita Powder Scan Spray 75 ml	£85.10			•	£85.10	•	£85.10		
	48.H EFP123	Vita Firing Paste 3 x 12g	£45.70								
	B363	VITA LINEAR SHADE GUIDE 3D-MASTER.	£94.50	•	£94.50	•	£94.50	•	£94.50	•	£94.50
	48.G B362A	VITABLOC Guide 3D-Master (10)	£48.90								
21.38055T	21.38055T	Eyevolution light polymerisation unit with integrated timer	£590.00	•	£590.00	•	£590.00	•	£590.00	•	£590.00
	29.0732RA-12	EXA SPECIAL Yellow x12	£18.85			•	£18.85	•	£18.85		
	29.0351HP-12	EXA CERAPOL HP - Grey x12	£17.25			•	£17.25	•	£17.25		
	EENPSETC	ENAMIC Polishing Set clinical	£43.00	•	£43.00	•	£43.00	•	£43.00	•	£43.00
	BAPKP	VITA AKZENT Plus Paste Kit including Body Colours	£347.90	•	£347.90	•	£347.90	•	£347.90	•	£347.90
	48.D FVS3	Vita VITASIL - Syringe 3ml	£45.33	•	£45.33	•	£45.33	•	£45.33	•	£45.33
	80.PR034	Super Diglaze Paste 2.5 gr	£29.71	•	£29.71	•	£29.71	•	£29.71	•	£29.71
6 ml	FCE6	VITA Ceramics Etch	£41.00	•	£41.00	•	£41.00	•	£41.00	•	£41.00
	48.E DEASYAS	Vita Easyshade Advance V4	£1350.00							•	£1350.00

Total Option 1 - Enamic User Option

This pack will enable the user to mill Enamic, polish or stain them (light cure), use Triluxe or Reallife and finish by polishing. No furnace required

Enamic Clinical Starter Kit	
• 5 packs of VITA ENAMIC high translucent, 0M1 - 3M2 for each shade (1 pack cont. 5 pieces)	
• 5 packs of VITA ENAMIC translucent 0M1 - 3M2 for each shade (1 pack cont. 5 pieces)	
• VITA ENAMIC Clinical Polishing Set - 8 pre- and high-gloss polishers for the contra-angle Hand piece	
Enamic Stains Kit	
Vita Linear Shade Guide	
Eyevolution light polymerisation unit with integrated timer (5/10 min) S/No	
Vita VITASIL - Syringe 3ml	
Super Diglaze Paste 2.5 gr	
VITA Ceramics Etch	
Total	£2193.54
Offer	£1984.00

Plus a Free half day course at Panadent on maximising aesthetics using your new materials. Total saving = £509

Option 2 - Vitabloc User

This pack will enable the user to mill Enamic, polish or stain them (light cure), use Vitablocs as well as Triluxe or Reallife and have the option to stain and glaze them in a furnace. No vacuum pump required for furnace

Vacumat 6000 M only firing unit coated	
Vacumat 6000 vPad clinical (for Vacumat 6000M)	
VITA CEREC 3 3D-MASTER Assortment Kit	
• 1 x 75 ml Vita Powder Scan Spray	
• 1 x 6 ml Vita Ceramic Etch	
• 1 Pack of Firing Tray Pins	
• 1 Syringe Vita Firing Paste 12 gr	
• 2 x Pack of 5 Vitabloc Triluxe for Cerec	
• 4 x Pack of 5 Triluxe Forte Blocks for Cerec	
• 1 x Pack of 5 Vitabloc Reallife	
VITA AKZENT Plus Paste Kit including Body Colours	
Vita Linear Shade Guide	
EXA SPECIAL Yellow x12	
EXA CERAPOL HP - Grey x12	
Super Diglaze Paste 2.5 gr	
Total	£4981.10
Offer	£4689.00

Plus a Free half day course at Panadent on maximising aesthetics using your new materials. Total saving = £592

To sinter E-Max Lithium Disilicate Blocks you will also require a furnace pump in addition to Option 2

48.E DVPU219 48.E DVPU220 Vacumat Vacuum Pump (for all models)	
	£784.00
Total including pump for E-Max firing	£5473.00

Option 3 - Zirconia Bridges

This pack will enable the user to mill full contour zirconia bridges and Rapid Layer (Zirconia Sub structure and Vitabloc Super Structure) bridges.

Vacumat 6000 vPad clinical (for Vacumat 6000M)	
VITA ZYRCOMAT 6000 MS, coated New Generation.	
VITABLOCS Mark II for Rapid Layer Technology. 2 pcs.	
In-Ceram YZ for inLab, YZ-55. 4 pcs.	
Vita Powder Scan Spray 75 ml	
VITA LINEARGUIDE 3D-MASTER.	
VITA AKZENT Plus Paste Kit including Body Colours	
EXA SPECIAL Yellow x12	
EXA CERAPOL HP - Grey x12	
Super Diglaze Paste 2.5 gr	
VITA Ceramics Etch	
Total	£11162.31
Offer	£10,553.00

Plus a Free half day course at Panadent on maximising aesthetics using your new materials. Total saving = £909

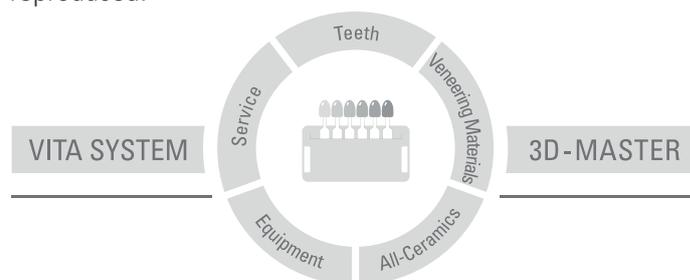
Total Option 4 - Enamic Plus User with Easyshade Advance

This pack will enable the user to select the shade through Digital Shade taking, mill Enamic, polish or stain them (light cure), use Triluxe or Reallife and finish by polishing. No furnace required.

Enamic Clinical Starter Kit	
• 5 packs of VITA ENAMIC high translucent, 0M1 - 3M2 for each shade (1 pack cont. 5 pieces)	
• 5 packs of VITA ENAMIC translucent 0M1 - 3M2 for each shade (1 pack cont. 5 pieces)	
• VITA ENAMIC Clinical Polishing Set - 8 pre- and high-gloss polishers for the contra-angle Hand piece	
Enamic Stains Kit	
Vita Linear Shade Guide	
Eyevolution light polymerisation unit with integrated timer (5/10 min) S/No	
Vita VITASIL - Syringe 3ml	
Super Diglaze Paste 2.5 gr	
VITA Ceramics Etch	
NEW Vita Easyshade Advance V4	
Total	£3543.54
Offer	£3495.00

Plus a Free half day course at Panadent on maximising aesthetics using your new materials. Total saving = £348

With the unique VITA SYSTEM 3D-MASTER, all natural tooth shades can be systematically determined and perfectly reproduced.



Please note: Our products must be used according to the instructions for use. We accept no liability for any damage resulting from incorrect handling or usage. The user is furthermore obliged to check the product before use with regard to its suitability for the intended area of application. We cannot accept any liability if the product is used in conjunction with materials and equipment from other manufacturers that are not compatible or not authorized for use with our product. Furthermore, our liability for the accuracy of this information is independent of the legal basis and, in as far as legally permissible, shall always be limited to the value as invoiced of the goods supplied, excluding value-added tax. In particular, as far as legally permissible, we do not assume any liability for loss of earnings, indirect damages, ensuing damages or for third-party claims against the purchaser. Claims for damages based on fault liability (culpa in contrahendo, positive breach of contract, unlawful acts, etc.) can only be made in the case of intent or gross negligence. Date of issue of these instructions for use: 05.11

US 5498157 A · AU 659964 B2 · EP 0591958 B1

Available from:

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www.henryschein.co.uk


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systems

Ceramic Systems

The Courtyard, 30 London Street, Chertsey, Surry KT16 8AA

Tel: 08450 700137

www.ceramicsystems.co.uk

VITA

VITA Zahnfabrik H. Rauter GmbH & Co.KG

Postfach 1338 · D-79704 Bad Säckingen · Germany

Tel. +49 (0)7761/562-0 · Fax +49 (0)7761/562-299

Hotline: Tel. +49 (0)7761/562-222 · Fax +49 (0)7761/562-446

www.vita-zahnfabrik.com · info@vita-zahnfabrik.com


PANADENT

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