

parkell today

BIOACTIVE EDITION

Introducing DIGITEST³



Discover our latest bioactive materials

Predicta® Bioactive releases calcium and phosphate ions and releases and recharges fluoride ions to stimulate mineral apatite formation and remineralization at the material-tooth interface.



Predicta® desensitizer

BIOACTIVE



Fast and Effective Relief from Dentin Hypersensitivity

Predicta® Bioactive Desensitizer uses the elements that are naturally found in the tooth, (**calcium** and **phosphate**) and restores them to the tooth in the form of hydroxyapatite plugs that immediately start forming in the dentinal tubules upon application.

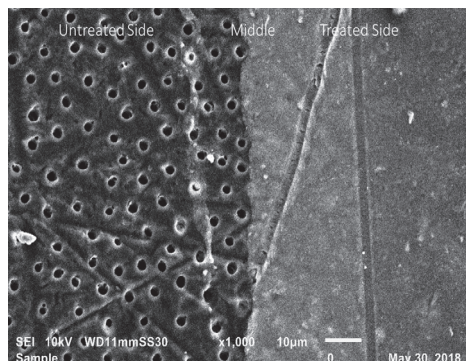
Predicta Bioactive Desensitizer doesn't stop there. An additional layer of mineralization also forms atop the dentinal tubules as a result of the ongoing release of calcium and phosphate ions. This extra layer broadens the seal that protects the pain-sensing A-delta nerve fibers in the pulp from being stimulated.

Treats Dentin Hypersensitivity Due to:

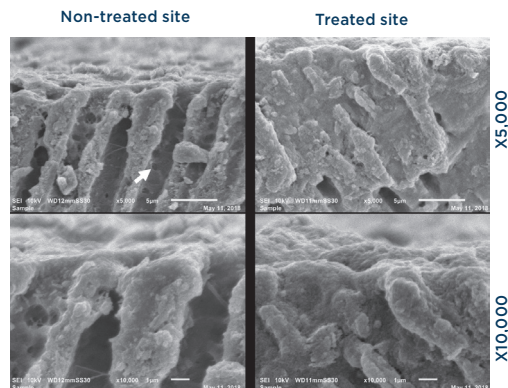
- ▶ Exposed roots after perio-surgery
- ▶ Bleaching procedures
- ▶ Scaling or root planing
- ▶ Gingival recession

Bioactive, biocompatible.

This syringe dispensed, ready-to-use gel is considered highly biocompatible as it contains no aldehydes, methacrylates or other soft-tissue irritating chemicals.



Comparison of untreated dentinal tubules (left), with tubules that have been covered with a dense layer of Predicta® Bioactive Desensitizer (right). Images courtesy of University of Washington School of Dentistry.



Cross-sectional SEM images. Note the patency of dentinal tubules and open lateral branch orifices (arrow) that have been well sealed on the treated side. (Image courtesy of Dr. Alireza Sadr, DDS, PhD, University of Washington School of Dentistry)

“

The ease with which I can treat my patients' sensitive teeth by using Predicta desensitizer has positively surprised me. The gel is incredibly easy to use and very gentle on the patient. It gives immediate relief from hypersensitivity that lasts for a long time. The dental hygienists in our practice also enjoy using it on their patients.

”



Sjjobbe Besseling, DDS, Netherlands
Scan the QR code to watch the video



"Predicta Desensitizer is very effective, it works very well immediately blocking the sensitivity for several days and with a second application it dramatically reduces sensitivity in the long term."

Dr. Consuelo Sanavia, Dental Hygienist, Italy



ITEM Predicta® Bioactive Desensitizer Kits

S626	Single Syringe Kit (1) 3 ml syringe, (10) applicator tips, (15) applicator brushes, (1) mixing well
S625	Three Syringe Kit (3) 3 ml syringes, (30) applicator tips, (50) applicator brushes, (1) mixing well

Accessories & Refills

S390	Dispensing Tip (Pre-Bent/Yellow) Refill (30 pcs)
S391	Fine (1.5mm) Micro Brush Applicator Refill (100 pcs)



Scan the QR code to learn more

Dual-Cure Composite for Core Build-Ups and Post Cementations

Optimized for placement in teeth that require core build-ups, with or without posts, prior to the prepping, impressioning, fabrication, and cementation of a crown.

- ▶ Dual-cure for unlimited depth of cure
- ▶ Zirconia added to improve the prepping experience
- ▶ Strong and stable support for crowns made of zirconia, porcelain, PFM and metal
- ▶ releases **calcium** and **phosphate** ions and releases and recharges **fluoride** ions



"Our objective is always simplifying the procedure and limit the use of materials. Predicta Core meets such needs and those of our patients, who want high quality but fast restorations"

Giuseppe Chiodera, DDS, Styleitaliano Active Member, Italy



Scan the QR code to the product evaluation



SEM Analysis of Predicta™ Surface after 28 Days in Simulated Body Fluid (SBF).
Image courtesy of Uppsala University, Sweden.

ITEM # PRODUCT

S600	Flowable - White Shade	Predicta® Bioactive Core Build-Up Kits Include (1) 5 ml hand-held syringe, (10) 17-gauge mixing tips and (10) 19-gauge mixing tips
S601	Flowable - Tooth Shade	
S605	Stackable - White Shade	
S606	Stackable - Tooth Shade	

Accessories & Refills

S620	5 ml Dispensing Gun
S621	17-Gauge Dispensing Tip Refill (30 pcs)
S622	19-Gauge Dispensing Tip Refill (30 pcs)



Scan the QR code for further info

Universal, Dual-Cure Composite

A dual-cure composite that can be used to fill any size cavity preparation, all the way up to the occlusal surface, without any need for additional layering. Ideal for posterior restorations.

- ▶ Dual-cure for unlimited depth of cure
- ▶ Fluorescence for a more natural appearance
- ▶ Nanohybrid for optimal polish, strength and durability
- ▶ releases **calcium** and **phosphate** ions and releases and recharges **fluoride** ions



"Our dental practice is delighted with Predicta Bulk. I think Parkell came up with an excellent product. We like that it is chemically cured and sets even in thick layers - other bulk materials have a limited depth of cure. The colour match is surprisingly good, I didn't expect that."

Manouchehr Kiaei, DDS, Sweden

Scan the QR code to see the podcast



Clinical case by Jure Pogljajen, DDS, Slovenia

ITEM # PRODUCT

S615	Bulk-Fill - A1/B1 Shade	Predicta® Bioactive Bulk-Fill Kits Include (1) 5 ml hand-held syringe and (20) 17-gauge mixing tips
S616	Bulk-Fill - A2/B2 Shade	
S610	Bulk-Fill (LV) - A1/B1 Shade	
S611	Bulk-Fill (LV) - A2/B2 Shade	

Accessories & Refills

S620	5 ml Dispensing Gun
S621	17-Gauge Dispensing Tip Refill (30 pcs)
S622	19-Gauge Dispensing Tip Refill (30 pcs)



Scan the QR code for further info

MACH®

Precise Working Dies in Just Minutes

- Flows beautifully—better than stone—to create a smoother die and to capture minute detail.
- No hand-mixing—inject it directly from the automix cartridge into impression.
- Exceptionally hard set—90+ Durometer.
- Slightly flexible.
- Set time: 2 minutes



SKU	DESCRIPTION
S433S	Mach® Die-Silicone Includes (2) 50ml automix cartridges (100ml ttl.), (10) Yellow Mixing tips, and (10) Dark Grey Intraoral tips

Accessories & Refills

S302	50 ml Mixing Tip Refill - Yellow Base (30)
S308	Intraoral Tip Refill - Dark Grey (50)



Blu-Mousse®

A Legacy VPS Bite Registration

- Stays stacked on the occlusal surface during placement.
- Optimal consistency allows patient to naturally close with zero resistance while capturing every detail.
- Hardens to a plaster-like final set with a durometer of 90 to ensure precise articulations.
- Set times: 30 Seconds | 60 Seconds | 2 Minutes

Additional Clinical Applications

- Scannable using the latest technologies.
- Used as a matrix for fabricating direct and indirect provisionals together with Mach Die Silicone by Parkell.



50 ML SPLIT-CARTRIDGE KITS:
Include (2) 50 ml cartridges (100 ml ttl.) and mixing tips.

SKU	DESCRIPTION	SET TIME	SCENT
S457S	Blu-Mousse Super-Fast	30 Sec.	Unscented
S448S	Blu-Mousse Super-Fast	30 Sec.	Peppermint
S440S	Blu-Mousse 60	60 Sec.	Unscented
S438S	Blu-Mousse Classic	2 Min.	Unscented
S437S	Blu-Mousse Classic	2 Min.	Peppermint

Accessories & Refills

S445	50 ml Split-Cartridge Mixing Tip Refill - Pink Base (30)
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FROM IMPRESSION TO WHITENING TRAY

Step 1 - Take alginate impression & inject Mach Die silicone.



Step 2 - Apply Blu-Mousse to achieve a stable base.



Step 3 - Separate the model from the impression.



Step 4 - Create a whitening tray ready for patient use.



Scan the QR code to watch the video tutorials

DIGITEST[®] 3

Digital Pulp Vitality Tester

Product reviewed by

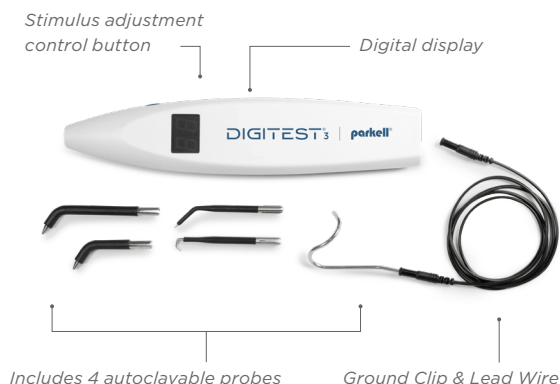


Read Style Italiano's review [here](#)

Identify the Source of Your Patient's Pain

The Digitest[®] 3 electrically stimulates the tooth to test for vitality, resulting in a value ranging from 0 to 64. Comparing the response to the stimulus of the suspected tooth with a known healthy tooth's response to an identical stimulus helps you:

- ▶ identify the source of your patient's pain
- ▶ assess tooth vitality
- ▶ test and follow up traumatized teeth.



Easy and reliable

- ▶ Single tooth testing.
- ▶ Intuitive single button operation.
- ▶ Multiple test settings to accommodate your personal preference.
- ▶ Four autoclavable probes (included) promote easy access to all tooth surfaces.
- ▶ Standard 9V battery enables simple in-office replacement.



SKU #	PRODUCT DESCRIPTION
D655	Digitest[®] 3 Pulp Vitality Tester (4) Autoclavable Probes; 1-standard long, 1-standard short, 1-labial, 1-lingual, (1) Ground Clip, (1) Lead Wire, (1) 9V Battery
D636	Precision Probe Set (2) Probes; one labial, one lingual
D625	Standard Metal Probe Set (2) Probes; one short & one long
D631GC	Pulp Tester Ground Clip & Lead Wire (2) Clips, (1) Wire



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 +46 708 593481. For information and orders outside Europe contact info@parkell.com.