



New products for 2025

Dental solutions for dental
clinics and laboratories

Our new products at a glance

Gentle treatment of developmental enamel opacities

Validated treatment concept
for young patients



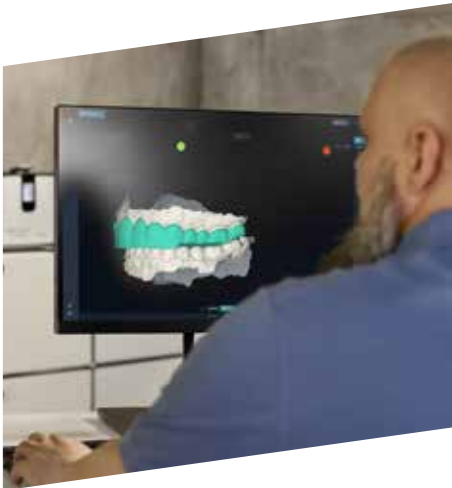
Bite and bleaching tray workflow

Efficiently manufacture custom-fit
trays in 3D with the utmost efficiency –
with DMG DentaMile



DentaMile Cure RS-XL and DentaMile Desk RS-1

High-performance hardware for
your dental 3D printing operations



Flairesse Bleaching Gel and Flairesse Prophylaxis Gel

New possibilities for prevention
and gentle, medical bleaching



Luxatemp MaxProtect

The perfect symbiosis
of durability and aesthetics



DeltaFil

Your amalgam alternative designed
specifically for geriatric and
paediatric dentistry



Developmental enamel opacities

Validated treatment concept for young patients

Fluorosis, MIH, amelogenesis imperfecta and trauma-related enamel opacities affect countless people worldwide. Patients are often young and these aesthetic impairments can cause a lot of suffering and lead to social exclusion and bullying. DMG presents a validated, minimally invasive treatment concept consisting of bleaching, infiltration and 3D printing technology.

Infiltration with Icon plus bleaching: a game changer for patients with developmental enamel opacities

The minimally invasive infiltration procedure with Icon Vestibular offers an effective and gentle solution, e.g. for MIH on anterior teeth. The treated area seamlessly blends in with the healthy enamel.

Infiltration gently improves aesthetic appearance in cases of MIH. It also preserves the healthy tooth structure – a decisive advantage in the treatment of young patients.

Gentle bleaching for optimum overall results

To achieve a harmonious overall aesthetic result, it is advisable to whiten the teeth before infiltration. Flairesse Bleaching Gel from DMG sees the introduction of a medical product that enables gentle whitening in patients (often younger ones) thanks to its mild concentration of CP 5% or 10%.



Custom-fit 3D bleaching trays with DentaMile

Another valuable treatment component is the 3D-printed DentaMile bleaching tray. Its key benefit is its precision reservoirs which can be custom adapted to the specific patient situation, as well as its outstanding edge sealing. This ensures bleach is only applied where it is actually needed.

Infiltration with Icon Vestibular

Aesthetic results with non-invasive treatment – even for MIH

The minimally invasive infiltration procedure with Icon Vestibular offers an effective yet substance-preserving solution which sustainably reduces the psychological stress of those affected by MIH, specifically children and young people.

The benefits for you and your patients

Aesthetic masking: Fluorosis, MIH, hypomineralisation following trauma and amelogenesis imperfecta are rendered virtually invisible by applying a highly liquid infiltrant. The treated area blends in with the natural enamel.

Preservation of the tooth substance: Unlike more invasive treatments such as veneers, the healthy tooth structure remains intact – a significant advantage when treating children and young people.

Oral health-related quality of life (OHRQoL):

The physical appearance of the teeth of children with MIH can be improved by infiltration, boosting their self-esteem and socio-emotional wellbeing.*

Perfect interaction: Bleaching before infiltration

Combined with Icon infiltration treatment, our mild Flairesse bleaching gel – used with 3D-printed DentaMile bleaching trays – can contribute to a harmonious overall result. Your young patients will thank you.

Optimised Icon portfolio

Always just as much material as you need: our recently redesigned Icon Vestibular packaging formats offer you even greater flexibility with your orders.



*Hasmun N et al. Determinants of children's oral health-related quality of life following aesthetic treatment of enamel opacities. J Dent. (2020)



DentaMile Bite Splint Workflow

An impressive workflow

The new **DentaMile Bite Splint Workflow** has arrived – with new material: **LuxaPrint Ortho Comfort**

It's time! We are delighted to present our brand-new workflow for bite splints, which is revolutionising the production of occlusal splints with the latest 3D printing technology.

With new material LuxaPrint Ortho Comfort and clever features like automatic margin lines in the DentaMile connect software, this workflow is raising the bar and is a genuine game changer.

The result? A workflow that's got everything that matters!

As stable as necessary, as soft as possible

A flexible, transparent material, LuxaPrint Ortho Comfort produces bite splints that are robust as well as comfortable. Odourless, tasteless and extremely durable, it meets all the requirements for long-lasting occlusal splints.

These properties create bite splints that score points in every regard: hard enough for functional therapy and soft enough for maximum wearing comfort. LuxaPrint Ortho Comfort also delivers a bright, transparent aesthetic and a dazzling high-shine look, which impresses patients just as much as its functionality.

Benefits at a glance

- Extremely resilient yet flexible – for exceptional durability
- Very comfortable to wear due to thin printable material and increased material flexibility in the mouth
- Easy to use even at room temperature
- Tasteless and odourless
- Resistant to discolouration for high patient satisfaction

Validated process for the utmost safety and quality

The DentaMile Bite Splint Workflow combines high-performance resins, smart software functions and reliable printer systems to form one perfectly coordinated process, **guaranteeing consistently high-quality, reproducible results that live up to the highest medical product standards.**



DentaMile
Bleaching Tray Workflow

Simple, precise, efficient

Discover the world's first cloud-based workflow specifically designed for bleaching trays

Do you want 3D-printed bleaching trays without the need for vacuum forming, with high-precision reservoirs and excellent marginal sealing? That's no problem with DMG DentaMile.

The DentaMile connect cloud software allows you to intuitively create custom-fit bleaching trays and generate the 3D design and print data. A key part of the patient-adapted bleaching tray is the tightness of the gel reservoir's fit against the gums – a feature that can only be achieved by means of 3D printing.

This reliable edge sealing ensures efficient bleaching and protects the gums from harmful influences.

Precision DentaMile bleaching trays are ideal for use in conjunction with Flairesse Bleaching Gelfor gentle whitening.

DentaMile Cure RS-XL

The high-performance **post-curing unit** for your **series production**

The DentaMile Cure RS-XL is your professional solution for post-processing large quantities of parts that have been produced using additive manufacturing. This extra large post-curing unit is optimally suited for the DentaMile Lab5 3D printer and ensures that your printed components are efficiently and uniformly cured. Thanks to its generous capacity and precise curing technology, the DentaMile Cure RS-XL ensures high product quality and cost-effective post-processing – even for large-volume production batches.

Technical specifications

Size (W/H/D): 650 x 800 x 1050 mm
Volume: 470 x 375 x 280 mm
Processing time: dependent on material
Connections: WLAN/LAN, USB
Weight: approx. 150 kg



Technical benefits

- Large volume:
Up to 36 models simultaneously
- 360° curing:
Uniform post-curing of the printed object
- Modern vacuum technology:
Shortens post-curing times while maintaining high quality
- Gas free:
The use of a vacuum means that no gas is required during operation, which significantly reduces operating costs
- Fully automatic material curing programs
- Integrated touchscreen
- Network connectivity
- Easy calibration with ACCS sensor to ensure functionality
- 360° UV lighting for uniform curing

DentaMile Desk RS-1

The elegant and **compact solution** for **dental 3D manufacturing**

The DentaMile Desk RS-1 is your versatile and easy-to-use solution for precision 3D printing in your dental clinic. This compact desktop DLP 3D printing system is designed for ease of use and is ideal for use in medical technology. Thanks to innovative technologies such as Force Feedback and certified auto-calibration, the DentaMile Desk RS-1 delivers reliable print results with minimal effort. With an affordable entry-level price, it makes access to additive manufacturing easy and ensures a clean, efficient production environment.

With the DentaMile Desk RS-1, you get a dependable and easy-to-use 3D printing system that is optimised for entry into dental applications and medical manufacturing.

Technical specifications

Build space: 133 x 75 x 100 mm
Wavelength: 385 nm
Resolution: Full HD, 69 µm pixel size
Z resolution: 25-150 µm
Connectivity: WLAN, LAN, USB
Weight: approx. 9 kg
Dimensions: 320 x 375 x 300 mm
with closed lid
320 x 375 x 391 mm
in print mode



Technical benefits

- Force Feedback technology: Optimises the printing process by actively managing platform speed for reliable prints
- Certified auto-calibration: Ensures consistent light intensity and print quality
- RFID material identification: Monitors the compatibility of the material and its expiry date
- Compact design: Enables flexible placement



Flairesse Bleaching Gel

Gentle whitening action for a brighter smile

An important building block in the treatment of – generally young – patients

Our new Flairesse Bleaching Gel has been specially developed for the medical, non-invasive complementary treatment of developmental enamel opacities in young patients.

It thus closes a crucial gap in care.



New **Flairesse Bleaching Gel** at a glance

- Approved medical product
- Suitable for young patients
- Specially developed for the treatment of developmental enamel opacities
- Low concentration of 5% CP or 10% CP for gentle whitening
- Improves results of infiltration treatment with Icon
- Ideal for use in conjunction with 3D-printed DentaMile bleaching trays

Bleaching Gels from DMG: The logical choice

Flairesse Bleaching Gel CP 5% and CP 10% sees DMG offer two medical products at once – specially developed for the treatment of development enamel opacities.

Even patients with sensitive teeth can benefit from the low, but effective concentrations. And another Flairesse Bleaching Gel with a CP content of 16% is available for cosmetic bleaching.

The choice is yours. Your patients will thank you.



Flairesse Gel

Super powers for prophylactic Super Heroes

As effective as ever, but with an improved formula and a new design.

With a fluoride content of 12,300 ppm coupled with its inclusion of xylitol, Flairesse Gel promotes tooth enamel remineralisation and strengthening following professional tooth cleaning and inhibits the growth of acid-forming bacteria. Another impressive feature: the gel's optimised consistency, which means it doesn't drip and is easy to dose for each use. This guarantees exceptional results thanks to simple, clean use

Benefits for you and your patients at a glance

- Short application time of only 60 seconds
- Improved consistency: higher viscosity
- More intense taste thanks to new flavours
- Can be spat out without rinsing
- Free from titanium dioxide and animal ingredients
- Microplastic-free formula
- Packaging made from recyclable plastic and paper



Luxatemp MaxProtect

The perfect symbiosis of durability and aesthetics

Extreme stability. Excellent aesthetics. Easy handling... and a complete conventional long-term provisional restoration in just one session. If you're looking for a material for long-term provisional restorations that sets new standards on many fronts and is also costeffective, then look no further than Luxatemp MaxProtect.

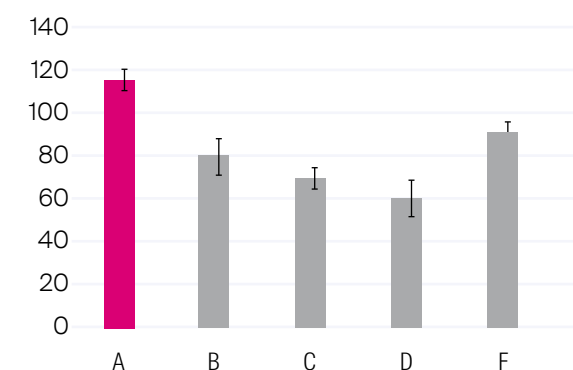
Surpasses all expectations. And the competition

A comparison can speak volumes. With this in mind, we decided to compare Luxatemp MaxProtect with the competition. The result: Luxatemp MaxProtect surpasses comparable competitors in respect of properties that are indicative of excellent durability and aesthetics. A flexural strength of 118 MPa and a

shade stability (ΔE) of 0.48 make Luxatemp MaxProtect a clear front runner. These exceptional values show that Luxatemp MaxProtect not only withstands the most demanding conditions but also retains its aesthetic appearance in the longterm.

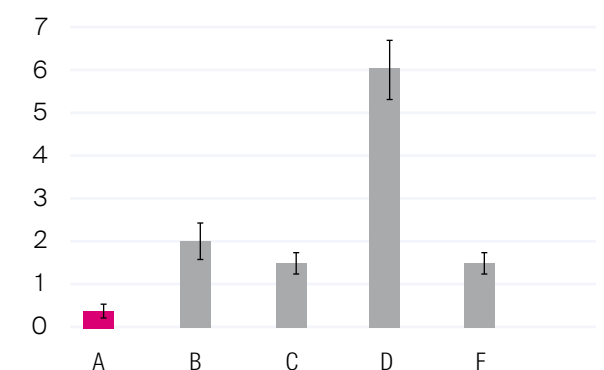
Flexural strength in detail

Flexural strength*/MPa



Shade stability in detail

Shade change* 28 days / ΔE



A: Luxatemp MaxProtect (DMG); **B:** PreVISION® Temp (KULZER); **C:** Structur 3 (Voco); **D:** acrytemp (Zhermack); **F:** 3M™ Protemp™ 4

Source: DMG internal measurement. Data on file, 2023

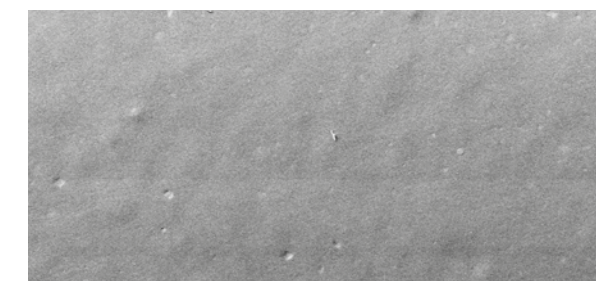
Efficient working

The homogeneous and smooth surface texture offers the optimum basis for polishing as soon as the smear layer has been removed. **60x magnification: the superior smoothness of Luxatemp MaxProtect stands out after the smear layer is removed and before polishing takes place:**



DMG Luxatemp MaxProtect

Source: DMG, internal capture. Data on file, 2024



3M™ Protemp™ 4



Your amalgam
alternative

DeltaFil

The **strong** solution for when it needs to be **easy**

Your amalgam alternative for the dental treatment of children,
seniors and people with disabilities

Vulnerable patients such as children, older people or people with physical or mental disabilities, require a filling material that is adapted to special requirements. DeltaFil is a strong solution:

A conventional, self-adhesive glass ionomer cement with an innovative material concept. This innovative filling material impresses with its high mechanical stability, based on patented micelle technology. DeltaFil is particularly suited to instances where drying is difficult. Equally impressive is the range of shades specially adapted for primary teeth and teeth that have been bleached or exhibit significant signs of age-related discolouration.



Crack propagation without micelles



Minimised crack propagation with micelles

Applicap Dispenser

Everything in hand

Your indispensable tool
for precision application

Experience the utmost precision and convenience with DMG's newly developed application tongs for the DeltaFil capsule variant.

Not just aesthetically pleasing, but extremely functional

Our new capsule design sees us combine timeless design with optimised handling. The capsule is made of a transparent bio-modified plastic that provides information about the quality of the product at all times. Be it checking the integrity of the powder, monitoring the mixing result or providing information on the amount of material still available during application. The optimised capsule outlet ensures pleasant application by minimising contact pressure.

The **Applicap** Dispenser at a glance

- Made from a high-performance plastic to minimise wear and allow capsules to be mounted precisely and easily
- Thanks to their ergonomic design, the tongs are comfortable to hold
- The inverted design enables effortless dosing and precision application of the material – even in hard to access areas

Additional **product** **advantages**

- Self-adhesive
- Easy to use, no absolute drying necessary
- Promotes remineralisation through fluoride release
- Excellent biocompatibility
- Quick and easy handling
- Simple to mould
- Does not stick to the instrument
- Perfect adaptation to the cavity wall
- Convenient processing time

Product overview

DentaMile Cure XL*

1 Light-curing unit	REF 170352
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DentaMile Desk RS-1*

1 Printer, 1 Cleaning and 1 Light-curing unit	REF 170470
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LuxaPrint Ortho Comfort*

385 nm pack:

1 Bottle @ 5000 g	REF 170277
1 Bottle @ 2000 g	REF 170275
1 Bottle @ 1000 g	REF 170255
1 Bottle @ 500 g	REF 170253
1 Bottle @ 200 g	REF 170251

Icon Vestibular

- 1 Treatment unit contains:
1 Syringe @ 0.45 ml Icon Etch,
1 Syringe @ 0.45 ml Icon Prime
1 Syringe @ 0.45 ml Icon Infiltrant
6 Vestibular Tips, 1 Icon Capillary Tip

Starter pack:

1 Treatment unit	REF 220520
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Pack:

2 Treatment units	REF 220521
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Economy pack:

7 Treatment units	REF 220522
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Refill pack:

3 Syringes @ 0.45 ml Icon Etch	REF 220530
3 Syringes @ 0.45 ml Icon Prime	REF 220531
3 Syringes @ 0.45 ml Icon Infiltrant	REF 220532
20 Icon Vestibular Tips	REF 220533
20 Icon Capillary Tips	REF 220535

Flairesse Bleaching Gel

Starter pack:

1 Syringe @ 5 ml, CP 5%, 1 Tray box	REF 220550
1 Syringe @ 5 ml, CP 10%, 1 Tray box	REF 220551
1 Syringe @ 5 ml, CP 16%, 1 Tray box	REF 310000

Refill pack:

1 Syringe @ 5 ml, CP 5%	REF 220552
1 Syringe @ 5 ml, CP 10%	REF 220553
1 Syringe @ 5 ml, CP 16%	REF 310001

Flairesse Gel

Pack:

1 Bottle @ 480 ml, Mint	REF 225411
1 Bottle @ 480 ml, Melon	REF 225412
1 Bottle @ 480 ml, Strawberry	REF 225413

DeltaFil

Packaging:

50 Applicaps @ 370 mg powder, 0.07 ml liquid (75 mg)	
Shade White	REF 520005
Shade A1	REF 520000
Shade A2	REF 520001
Shade A3	REF 520002
Shade A4	REF 520004
Shade Dark	REF 520006

Expected to be available from Q3/2025

Accessories:

1 Applicap Dispenser	REF 520051
50 Single-use Brushes White	REF 109320

DeltaFil Coat

Pack:

1 Bottle @ 5 g	REF 520050
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DeltaFil Conditioner

Pack:

1 Bottle @ 8 g	REF 520020
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Luxatemp MaxProtect

Pack:

1 Cartridge @ 76 g (50 ml), 15 Automix Tips Blue 10:1	
Shade A1	REF 130100
Shade A2	REF 130101
Shade A3	REF 130102
Shade A3.5	REF 130103
Shade B1	REF 130104
Shade Bleach Light	REF 130105

Accessories:

1 Automix Dispenser Type 50 10:1	REF 110409
45 Automix Tips Blue 10:1	REF 110409

* Only available directly from DMG

DMG

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