

3D Systems' digital dentistry solutions

3D Systems delivers the industry's broadest range of materials and 3D-printing solutions validated for the dental industry, including orthodontics, prosthodontics and implantology. With 3D Systems' portfolio of 3D printers, software, NextDent materials and Vertex Dental products, dental laboratories and clinics have access to a large range of dental applications. Rely on our teams of experts, including materials scientists and application engineers, and experienced resellers for training and support to deliver streamlined digital workflows. Our digital dentistry solutions, global availability through trusted resellers and 24/7 assistance will bring you new levels of performance.

NextDent by 3D Systems

Our portfolio of 30 unique 3D-printing materials addresses multiple dental applications. The resins are available in a variety of aestheti-

colours to closely match patients' teeth and gingivae. NextDent 3D-printing materials for medical devices are biocompatible and certified in accordance with EU medical device regulation, cleared with the US Food and Drug Administration and registered in various other countries.

New—NextDent LCD1

This dental printer has a small footprint and uses a LED array and LCD mask to produce high-quality parts with NextDent materials. The NextDent LCD1 is easy to use and provides a reliable, complete workflow and a super-smooth surface finish.

New—NextDent Wash

Consisting of a two-container washing system that uses ethanol, isopropyl alcohol or washing solvent, the NextDent Wash makes use of a magnetic stirrer, which ensures simple maintenance and cleaning.

The system makes it easy to maintain the precise timings recommended for NextDent resins.

New—NextDent Cure

The NextDent Cure is a small LED polymerisation station that is easy to use. Validated for use with NextDent resins, it ensures perfectly timed polymerisation for these products.

NextDent 5100

A high-speed 3D printer addressing the broadest range of dental applications, the NextDent 5100 enables dental laboratories, clinics and production centres to produce dentures, crowns and bridges, models, surgical guides, orthodontic splints, retainers and trays with enhanced speed, precision and efficiency at a lower cost. The printer is compatible with industry-standard, state-of-the-art intra-oral scanning and software solutions to produce highly accurate results to within 50 µm.

DMP Flex 200

The DMP Flex 200 is a complete metal 3D-printing solution for manufacturing small, dense, complex dental prostheses with excellent surface quality and short post-processing at high productivity. Dental laboratories can now eliminate extra steps and substantially reduce unit cost per part while maintaining or increasing quality. Take your workflow from

dental file to production with the DMP Flex 200's printers, certified materials, software and application support. The system is able to print more than 90 crowns in a single print run of under 4 hours thanks to a short heat treatment process and less finishing being required.

ProJet MJP 2500 Plus

Using highly accurate jetting technology, the ProJet MJP 2500 Plus system provides a clean, reliable and versatile solution for dental laboratories and production centres. Dental models and castable parts can be combined on the large build platform in the same run. The ProJet MJP 2500 Plus facilitates speed and production with features such as hands-free melt-away wax supporting structures and large-batch printing. The M2R-TN material exhibits excellent detail visualisation, accuracy and strength in combination with resi-

due-free burn out to provide a smoother casting workflow.

SLA 750

The SLA 750 3D-printing workflow solution answers the demand for cost-effective stereolithography batch production parts with unprecedented levels of throughput, consistency, performance and yield, together with full factory-level integration, management, control and traceability for batch production of dental models and drilling guides. Delivering superior surface quality and accuracy and a 15% larger build volume compared with previous models, the SLA 750 3D printer also outpaces comparable SLA 3D printers with 30% faster print speeds.

Learn more at www.3dsystems.com/dental or visit the company's booth (#K010/L011) in Hall 3.1 at IDS.



ClearCorrect to unveil range of new products at IDS

During IDS, ClearCorrect, the Straumann Group's flagship orthodontic brand, will launch six new products and features to help clinicians treat complex cases with an enhanced, empowering digital workflow and added support.

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In the last year alone, ClearCorrect launched three major versions (3.0, 4.0 and 5.0) of its ClearPilot treatment viewer software and partnered with major intra-oral scanner producers to develop new direct integrations with scanners such as TRIOS (3Shape), Medit and Virtuo Vivo (Straumann). Additionally, ClearCorrect has deployed several enhancements to its portal for dentists, including its clinical preferences feature, which facilitates communication of the user's preferred treatment approach to the dental technician.

New clinical features such as anterior bite ramps and cut-outs for elastics made 2022 a banner year for the company's aligner. Engineered for precision, comfort and aesthetics, ClearCorrect's aligners leverage industry-leading ClearQuartz material and a high, flat trim line to help clinicians achieve their orthodontic goals, providing them with greater control over their cases. Further building on the success of its primary product, ClearCorrect released the results of a series of new scientific studies that prove the benefits of its aligner material and design, demonstrating better stain resistance and enhanced control of tooth movement compared with other aligner brands.

The product portfolio has not evolved in a silo: added services and educational offerings have remained paramount to the company's



vision to empower clinicians to grow their practices and change patients' lives. To drive dentist confidence and practice capabilities, new educational resources have been developed for Ortho Campus, the brand's comprehensive collection of orthodontic tools and curricula. Additions include the ClearCorrect Clinic app, an in-office patient education tool and three new learning pathways to guide dental profes-

sionals and their teams in the expansion of their expertise in clear aligner therapy.

Continuing its trend of accelerated global growth and adoption around the world, ClearCorrect expanded its geographic presence in 2022 by introducing its products into eight new countries and activating new manufacturing lines in Germany and the US. Additionally, the company received approval to com-

mercialise the ClearCorrect aligner system in China, supported by manufacturing and treatment planning sites in the country. With the existing manufacturing site in Curitiba in Brazil, the ClearCorrect system is now manufactured at four sites on four continents.

To learn more about ClearCorrect's latest advancements, visit the Straumann arena (Booth G080/J089) in Hall 4.2 at IDS. ◀