

by Dentaltown staff

# PRODUCT SHOWCASE

*Learn more about the newest products introduced and on display at February's Chicago Midwinter Meeting*

## 3M Chairside Zirconia

### 3M

3M Chairside Zirconia is a new CAD/CAM zirconia block optimized for the fast-sintering Cerec SpeedFire Furnace. The new block offers an optimal blend of high strength and aesthetics to go along with a fast sintering time of approximately 20 minutes for a thin-walled crown.

For easy shade-matching, the material is available in eight shades and two block sizes designed for crowns and three-unit bridges to match the Vita classical shades. Additionally, due to its low minimum wall thickness of 0.8mm, dentists can carry out less-invasive preparations and preserve more tooth structure.

The product offers a high flexural strength option of more than 800 MPa, and has a fracture toughness that meets stringent ISO standards. 3M Chairside Zirconia will be available for sale in the U.S. on May 1.

For more information, call 800-634-2249 or visit [3m.com/chairsidezirconia](http://3m.com/chairsidezirconia).



## CS 3100 Carestream Dental

Carestream Dental is offering doctors a complete HD chairside workflow with the new CS 3100 milling system,

the latest addition to the CS Solutions portfolio. Combining four-axis wet milling with CAD software, the self-contained CS 3100 delivers accurate and durable restorations for doctors seeking to offer patients same-day solutions.

The system is designed for the milling of full-contour crowns, full-contour bridges, inlays, onlays and veneers using hybrid resin, ceramic and zirconia. For the optimal chairside experience, Exocad ChairsideCAD software is integrated into the CS Solutions platform. The software is based on Exocad's technology and offers more automation with a simplified user interface. Features like Smart Milling Queue Management means there's no need to wait until a restoration is completely milled to capture new digital impressions, design additional restorations or place other cases in the milling queue. Tooth restoration can be completed in as little as one hour, eliminating the need for temporary crowns and multiple appointments.

The mill offers four distinct milling options: milling, grinding, carving and thrilling. High-speed, vibration-free milling creates sharp margins and smoother surfaces and significantly reduces the amount of chipping that can occur from the vibration caused by mills that use two-spindle, non-brushless technology.

For more information, call 800-944-6365 or visit [carestreamdental.com](http://carestreamdental.com).



## Dentapen Septodont

Septodont has released a new electronic syringe, Dentapen. The Dentapen injection is monitored with a constant flow, at the right pace, giving dentists the opportunity to focus more on needle insertion, leading to better control of the injection and a reduction in pain for the patient.

The electronic syringe is a self-contained, cordless, intuitive device that matches dentists' habits. There are no consoles, foot pads, tubing or proprietary disposables. It can be held in two ways—by the wings, like a manual syringe, or penlike, for a precise injection during special procedures.

For more information, visit [septodont.com](http://septodont.com).



## E4 3Shape

3Shape has released its fastest lab scanner ever, the E4. To reduce scanning steps and save time for labs, the E4's 4x5-megapixel cameras enable powerful impression scanning and scanning of dies while they are still in the model. Like all 3Shape E models, the E4 features auto-start scanning and articulator holder support. The scanner can complete a full-arch scan in 11 seconds and is accurate within 4 microns.

The scanner will be available for purchase in August 2019. For more information, visit [3shape.com](http://3shape.com).

## Lighted Saliva Sidekick Ascentcare Dental Products

Dentists can efficiently speed up their procedures with Ascentcare Dental Products' Lighted Saliva Sidekick. The new mouth prop attachment uses fiber optics to illuminate the patient's entire mouth while precisely placing a saliva ejector tube. This is the latest in the line of interchangeable attachments for Ascentcare's sterilizable mouth prop system.

Ascentcare's patented Bite Buddy mouth prop system was designed to maintain an open access work area while meeting the wide array of dentists' needs with several quick and easy-to-interchange attachments. Other magnetically coupled attachments in this system include a saliva ejector tube holder, a tongue guard and an intraoral light.

For more information, call 800-500-0533 or visit [ascentcaredental.com](http://ascentcaredental.com).



## NeoBurr 330<sup>2</sup> Microcopy

Microcopy's new NeoBurr 330<sup>2</sup> blended neck carbide follows suit with its 557<sup>2</sup>. The section of the bur between the cutting head and the shank is blended so there is no reduction in neck width. This design, coupled with the removal of the weld joint, increases the bur's strength and removes any weak points in the bur's neck that might otherwise cause breakage.

For more information, visit [microcopydental.com/neoburr-carbides](http://microcopydental.com/neoburr-carbides) or call 800-235-1863.



## Omni-Matrix Ultradent Products

Ultradent Products' new Omni-Matrix disposable retainer and matrix is designed to perfectly customize to any preparation. The band's circumference can be easily adjusted by twisting the handle, and the pivoting head allows it to access any quadrant of the mouth. Once the restoration is complete, the Omni-Matrix band easily releases without disturbing the restorative material.

The disposable retainer and matrix features an unmatched body design that is ideal for both single and simultaneous restorations. Its shape allows superior procedural visibility and patient comfort, and its ultrathin, burnishable stainless steel adapts to all preparations. Additionally, its unique winged and wingless styles meet individual case needs while its disposable design saves time and money.

For more information, visit [ultradent.com](http://ultradent.com) or call 800-552-5512.



## Planmeca Compact i5 Planmeca

The Planmeca Compact i5 dental unit's foldable and automatic leg rest make entering and exiting the chair easy for patients. The chair's design follows the body's shape and provides firm and comfortable support. In addition, Planmeca's Ultra Relax upholstery adapts to the patient's weight and body heat.

The practical design solutions of Planmeca Compact i5 make infection control especially easy, as all the essential functions are neatly organized, integrated, automated, guided and recorded. A safe environment is guaranteed for both the dental team and the patients. The unit can be customized in four different settings to match the dentist's preference and the Planmeca PlanID sign-in system allows users to access their personal settings on any dental unit with a flash of a card.

For more information, visit [planmecausa.com](http://planmecausa.com).

## Planmeca Creo C5 Planmeca

The Planmeca Creo C5 is a 3D printer custom-engineered for dental professionals for same-day appliances, including surgical guides and dental models. The new printer can create surgical guides or dental models in less than 15 minutes, 50–60 temporary crowns in less than 10 minutes, or up to five full-arch dental models in one print.

The Planmeca Creo C5 uses LCD Photomask technology, which projects a uniform light source that virtually eliminates imperfections when printing dental appliances. It does not require calibration, features an easy-to-use touch display with preprogrammed settings, and utilizes open STL and PLY files for seamless integration. Materials for Planmeca Creo C5 come in convenient capsules and provide a unique way to dispense 3D printing materials without any material waste.

For more information, visit [planmecausa.com](http://planmecausa.com).





## SprintRay Pro SprintRay

Featuring double the capacity of previous models, SprintRay's new 3D printer, SprintRay Pro, brings industrial throughput to the desktop form factor. A new, cloud-connected software suite predicts problems, automates workflows and reduces the learning curve.

A custom DLP projector uses high-intensity light to reduce cure times, improving speed and efficiency. Dynamic light control adjusts light intensity for each individual layer, leading to increased accuracy. A self-monitoring, heated tank keeps liquid resin at the perfect temperature to optimize the curing characteristics for each material. The larger build platform is perfectly flat and machined for optimal resin adhesion. The build surface can fit up to 21 full arches in vertical orientation and seven in horizontal.

SprintRay Pro features an onboard, six-core touchscreen computer that lets the user select parameters, set print queues and get onboard help. Users can also print files directly from a USB drive after approving them via the printer's onboard touchscreen.

Visit [sprintray.com/pro-desktop-3dprinter](http://sprintray.com/pro-desktop-3dprinter) for more information.

## Trios 3 Basic 3Shape

Trios 3 Basic features the same core scanning technology as in all Trios models. The new intraoral scanner enables professionals to go beyond conventional impression-taking with a predictable and efficient "scan and send to lab" digital workflow.

Trios 3 Basic comes with unique-to-Trios features like AI Scan, real colors and shade measurement, but does not include Trios excitement apps such as Trios Patient Monitoring, Trios Treatment Simulator and Smile Design, or restorative and orthodontic software.

Like all Trios models, Trios 3 Basic features a lightweight scanner handle, ultrafast speed scanning and documented accuracy for indications from fully edentulous and implant scanning to orthodontics. It is available as a wired, pen-grip model.

For more information, visit [3shape.com](http://3shape.com).



## ZirClean Bisco

ZirClean by Bisco is a gel designed for nonabrasive cleaning of the bonding surfaces of zirconia and other prosthetic restorations after intraoral try-in. The product is designed to help recover, improve and maintain the bond strength of zirconia restorations by neutralizing the phosphate contamination of zirconia, as well as ceramic and metal restoration surfaces, that occurs during a try-in.

For more information, call 800-247-3368 or visit [bisco.com](http://bisco.com).

