

## Advertising Spotlight | Planmeca

The newly formed partnership between E4D Technologies and Planmeca, a global leader in dental technology, will allow customers and patients to benefit from the combination of unique and innovative hardware and software solutions as well as services for dental offices, laboratories, and teaching institutions. As a part of Planmeca's CAD/CAM division, E4D offers a total CAD/CAM solution with the Planmeca PlanScan™ restorative system. Our complete system, which includes the scanner, laptop installed with Planmeca Romexis software with Plan CAD design module, and the Planmeca PlanMill™ 40, provides everything dental practices need to deliver better dentistry. Planmeca PlanScan™ is sold exclusively through Henry Schein in the United States and Canada and is available through Planmeca in the European markets.



Planmeca  
PlanScan™ Scanner



Planmeca  
PlanScan Mill™ 40



Planmeca Romexis®  
PlanCAD™ Design Module

- **Plug-and-play technology** provides the freedom to scan at multiple Planmeca PlanScan™ workstations
- **Powder-free scanning** and convenient removable tips allow quicker transfer to next patient
- **Blue laser technology**, which has a wavelength of 450 nm, is more reflective, resulting in sharper images that allow more clinically precise prosthetics
- **Heated mirrors** eliminate fogging while completing intraoral scans
- **Thunderbolt connections** allow maximum data transfer in the shortest amount of time
- **Whisper-quiet fans** dissipate heat, enabling continuous scanning without interruption
- **Servo Motors for micron-level positioning** results in precise and smoothly finished restorations
- **"Smart Mill"** with onboard computing and touch screen display for easy navigation
- **Pneumatically controlled automatic tool changer** does the work for you; no manual changing of tools when a bur breaks
- **Independent and isolated motion based**, the mill runs quietly and contains the motion within the center while processing a job
- **Optical profiling** of burs and calibration after each milling procedure allows more precise and customized milling
- **Robust design tools** allow you to complete single-unit to full-arch capture
- **ICE View** provides a clear, clinically accurate look at captured images and allows you to identify and more accurately make the margins
- **Open STL file format** enables you to seamlessly integrate into and collaborate with other systems as well as import and export case files to any third party for review or completion through Planmeca Romexis® Cloud service

Planmeca is offering innovative ways to practice dentistry with the PlanScan™ system. The PlanScan™ scanner is the only scanner in the world with blue laser technology, which means highly detailed images are captured to allow more accurate designs. With the use of a portable laptop, moving from one patient to the next is as convenient and easy as pulling up the next patient file in just a few clicks. Designing a perfect fitting crown is made easy with the PlanCAD™ design software. With rich graphics and easy-to-follow navigation, the CAD/CAM module automatically positions and shapes the selected

tooth template to match the central grooves, cusp heights, and marginal ridges of the actual proximal dentition. Planmeca Romexis® compatibility within the 3D module option is an added benefit that would allow practitioners to seamlessly integrate 3D scans with digital scans to create the perfect treatment plan—ideal for implant cases. Recent advancements in CAD/CAM technology have enabled clinicians to now fabricate restorations that fit as well as laboratory-fabricated restorations; Planmeca is one of the leaders in helping dentists practice better dentistry.

“The Planmeca PlanScan™ system has revolutionized CAD/CAM. Simplicity, accuracy, and esthetics all rolled into one system.”

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