The award-winning Intellifit Digital Restoration System manufactured by Sensable Dental, a division of Sensable, now offers more choice and flexibility in designing dental restorations for pressing in the popular IPS e.max all-ceramic material from Ivoclar Vivadent. Dental laboratories using Intellifit can design and fabricate pressed veneers, full-ceramic crowns and bridges in-house extremely efficiently, using IPS e.max to create strong and highly aesthetic restorations.

With restorations fabricated in glass-ceramic materials like IPS e.max skyrocketing—growing from 40% to an estimated 70% of the overall ceramic market by 2015 as measured by number of ceramic units—laboratories are seeking new options using IPS e.max. As Intellifit supports multiple restoration types and fabrication techniques, including pressing IPS e.max, dental laboratories of all sizes can now gain a competitive advantage by offering these restorations. The IPS e.max pressing material is especially well-suited for creating ultra-thin veneers, crowns and bridges because of its colour, translucency and exceptional strength.

“We use the Intellifit system to create IPS e.max pressable restorations that we offer including monolithic crowns, bridges, and prepped veneers,” said Kristine van Cleve, President of Dental Prosthetic Services in Cedar Rapids, Iowa. “The system streamlines the pressing process by allowing us to quickly create customised digital tooth designs that perfectly match adjacent teeth and include a tremendous level of surface detail. And, if a mispress occurs, we can instantly print another resin pattern and re-press much faster than if we had to re-wax the design by hand.”

Pressing IPS e.max is another fabrication choice for laboratories using the Intellifit Digital Restoration System. With new veneer design capabilities and integrated digital tooth libraries, technicians can easily design restorations that are printed in 3-D investable resins and then pressed in IPS e.max. Laboratory technicians of varying skill levels can deliver consistent, precise-fitting restorations in a fraction of the time of hand-waxing, since the Intellifit workflow speeds up and streamlines the number of steps required to produce high-quality pressed restorations. “Intellifit, with its virtual waxing paradigm and our commitment to system integration, provides more design flexibility and more proven fabrication choices than any other dental CAD/CAM system in the market, allowing for a truly productive lab,” said Bob Steingart, President of Sensable Dental. “With tremendous materials like IPS e.max, we want to enable laboratories to use it their way and for a variety of restorations. As the economy forces dental laboratories to re-examine their productivity, Sensable offers laboratories practical solutions to better serve their doctors while achieving a strong return on investment.”