



CRAFTED  
BY  
**Carbon**™

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# Lucitone Digital Print™ Dentures

**Crafted by Carbon™** represents the highest quality products—created by our expert partners with artisanship using the Carbon® platform. These partners demonstrate proficiency in crafting products that meet the highest quality standards required to earn the Crafted by Carbon endorsement.

# Crafted by Carbon™ Premium Dentures

**The future of dentures is digital.** As the aging population continues to drive demand for dentures, clinicians seek solutions that promote efficiency and accuracy to increase patient satisfaction. Dentsply Sirona and Carbon® are pleased to present a groundbreaking, FDA cleared, 3D-printed solution that provides significant advancements in terms of material benefits, the chairside process, and function for the patient.

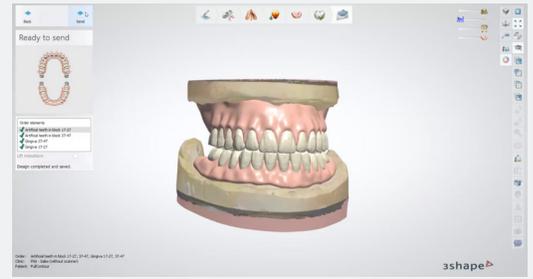
## The Carbon Process

With Carbon's groundbreaking Digital Light Synthesis™ (DLS™) technology, Crafted by Carbon premium dentures have quality levels that surpass conventional manufacturing. The Carbon DLS process produces dentures using light and oxygen to grow parts from liquid resin with no discrepancy in the dimensional accuracy compared to the patient's anatomy. Moreover, the **digital workflow delivers parts 10x faster than traditional methods**, enabling you to deliver premium products with fewer clinical visits and less chair time.

## Superior Dentures Begin With Superior Materials And Processes

Lucitone Digital Print™ is the first 3D print resin that exceeds ISO requirements for impact resistance and features smart polymer technology. This resin is thermally responsive and permits the finished denture to immediately respond to body temperature, thus increasing the total work-of-fracture material properties by two-fold. The amplified material properties resist breakage and prevent the worsening of any existing cracks or fractures. When using Carbon DLS technology with Lucitone Digital Print material, your patient is ensured a high strength, bacteria resistant, and precise fitting denture.

DESIGN



PRINT SETUP



PRINTING PROCESS



FINISHED DENTURES



**HIGHER PATIENT SATISFACTION**  
By creating a digital denture that provides better retention and adaptation to anatomy



**PERMANENT DIGITAL RECORD**  
So patients can quickly and easily replace lost or damaged dentures



**ATTRACT NEW PATIENTS**  
By utilizing the latest technology with a more efficient denture workflow



## A Crafted by Carbon™ lab partner

Crafted by Carbon endorses



for consistent proficiency in creating products of exceptional quality using the Carbon® platform



Lucitone Digital Print™ is a registered trademark of Dentsply Sirona