THE FUTURE OF DENTISTRY IS NOW!
SCANNING AND DIGITAL IMPRESSION MAKING

CADENT iTero

An accurate impression is fundamental to a successful outcome in restorative dentistry. Traditional impression procedures are technique sensitive, however, and can cause patient discomfort during the process. The Cadent iTero digital impression system provides an alternative to conventional impression making, eliminating costly remakes and improving communication among clinician, laboratory technician, and patient.

iTero technology uses a revolutionary handheld intraoral scanner to capture the geometry of the dentition and instantly produce a three-dimensional image of the patient’s teeth and bite. The resulting digital impression is displayed on a monitor while the patient is still in the chair, and may be magnified and examined by the clinician in real time to determine if adjustments are required for the preparation.

Once the image is approved, it can be forwarded electronically to a dental laboratory in the Cadent network for the fabrication of an aesthetic and accurate definitive restoration.

Chairtime is reduced with iTero, as is patient discomfort. Additionally, the cost and the mess associated with impression-related consumables are eliminated. As a result, iTero enables the clinician to ensure a better patient experience during dental care as well as to cultivate a reputation as a high-tech and high-quality practice. The superior accuracy of an impression made with iTero allows for accurate tooth preparation and yields a restoration that fits properly—with minimal adjustments required. With a proven service legacy and more than 20,000 cases successfully completed in restorative dentistry, Cadent iTero brings the future into practice today for all dental restorations.

BENEFITS OF THE CADENT iTERO DIGITAL IMPRESSION SYSTEM

• Superior accuracy: With impressions free from voids, tears, and distortion, the result is an accurate preparation and a well-fitting restoration.
• Real-time digital display: Digital images of a patient’s teeth and bite can be instantly viewed for correction or confirmation of preparation design.
• Patient comfort: No more thick, putty-like materials that may cause a patient to gag.
• Effective communication: Data files may be sent electronically, enhancing the speed of communication for restoration fabrication.
• Increased productivity: Expenses associated with trays, putties, and chairside adjustment of ill-fitting restorations are eliminated.

PROVEN DIGITAL WORKFLOW

1 Digital Scan by dentist

2 CAD reviewed and approved by laboratory

3 CAM created by Cadent
Electronic Impression Device:
Enables fast, accurate acquisition of the digital impression

Chairside Visual Display:
Facilitates rapid review and breeds self-correction of tooth preparations

Digital Workflow:
Improves efficiency and eliminates the mess associated with conventional impressions

“With more than 20,000 cases already completed, Cadent iTero is a proven means to improve efficiency and accuracy in the delivery of well-fitting restorations.”
Tim Mack, VP & General Manager for Cadent

4 Final Restoration created by laboratory
5 Restoration inserted by dentist

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