



iTero™ INTRA-ORAL SCANNER FOR DIGITAL IMPRESSIONS

YOUR TALENT, OUR TECHNOLOGY,
THE PERFECT FIT



COMMITTED TO
SIMPLY DOING MORE
FOR DENTAL PROFESSIONALS

STRAUMANN® CARES® DIGITAL SOLUTIONS

Step into the digital era with Straumann® CARES® Digital Solutions, seamlessly connected precision technologies ranging from digital impression-taking techniques to high-quality CAD/CAM restorations. Straumann® CARES® Digital Solutions give you the simplicity and the flexibility to plan the dental treatment the way you want for the benefit and satisfaction of your patients.

iTero™ INTRA-ORAL SCANNER



**IMPORT DATA INTO
STRAUMANN® CARES® VISUAL¹**
for the design of the prosthetic solution



SURGICAL WORKFLOW

**IMPORT DATA INTO STRAUMANN®
coDiagnostiX™ SOFTWARE**
for implant planning purposes



¹ Or other software compatible with iTero™

PROSTHETIC WORKFLOW

FABRICATION OF THE PROSTHETIC SOLUTION

at Straumann milling centers



FINALIZATION

of the restoration by the dental laboratory



OPEN SYSTEM: CHOICE AND FLEXIBILITY

iTero™ offers dentists and laboratories an open choice of connection options that allow scan files to be imported into several of the leading dental CAD/CAM systems including Straumann® CARES®, Dental Wings, Amann Girrbach, and 3Shape. With open choice comes the flexibility to work with a range of prosthetic design solutions and CAD/CAM production processes.

HIGH-QUALITY RESTORATIONS

- **Broad range of applications:** inlays, onlays, veneers, full anatomic crowns, copings, bridges, customized abutments, screw-retained bars and bridges
- **Large choice of materials:** 3M™ ESPE™ Lava™ Ultimate Restorative² (Resin Nano Ceramic), zirconium dioxide, IPS e.max® CAD lithium-disilicate glass-ceramic, IPS Empress® CAD leucite glass-ceramic, VITABLOCS® Mark II and VITABLOCS® Triluxe feldspar ceramic, titanium, cobalt-chromium, polyamide, PMMA-based acrylate resin

² Not available in all countries. Please check availability for your country.



VALUE, COMFORT AND FLEXIBILITY WITH iTero™

iTero™ CAN HELP BUILD YOUR PRACTICE

It has always been a challenge to consistently achieve predictable and precise impressions and bite registrations. iTero™ is designed to provide this level accuracy, an essential requirement for achieving an optimal fit in the final restoration.

- **Save time:** designed to eliminate impression retakes and reduce restoration remakes, iTero™ might help avoiding laborious and time-consuming adjustment of the seating of the restoration, making seating appointments predictable
- **Attract patients:** attractive alternative to conventional impression-taking technology
- **Additional business opportunities:** download the Invisalign® and OrthoCAD® software for orthodontic applications onto the same instrument*

COMFORT FOR YOU AND YOUR PATIENTS

Thanks to digital impressions, unpleasant taste of the impression material and gag sensations are a thing of the past. Additionally, iTero™ is:

- **Powder-free:** convenient for you and your patient; spend less time on preparation and money on materials
- **Hygienic:** single-use hygienic sleeves minimize the possibility of cross-contamination
- **Engaging:** involve your patients in the planning of their own treatment by showing their impression in real time on the screen

FREEDOM OF CHOICE IN MATERIAL AND TREATMENT OPTIONS

- **Continue working with your preferred dental laboratory:** in digital or analog fashion, thanks to flexible workflow
- **All dental restorations, tooth- and implant-based:** including inlays, onlays, veneers, crowns, partial crowns, bridges
- **Wide range materials captured:** iTero™ captures precise measurements of the patient's teeth and soft tissue, including pre-existing ceramic, polymer, and metal restorations

* Additional charges will apply

iTero™: SIMPLE, ACCURATE, EFFICIENT

Designed to be simple, accurate, and efficient: create fully digital Straumann® CARES® implant restorations.

3 GOOD REASONS
TO GO DIGITAL!

SIMPLE

- Easy and fast scanning process through step-by-step visual and voice guidance
- Simple scan even for the full arch due to powder-free technology
- Intuitive user interface means your team is comfortable working with iTero™
- Contact with the teeth makes scanning stable and comfortable
- Hygienic single-use sleeves protect patient and optics
- No need to touch the screen or the computer during the scanning procedure

ACCURATE

- Accurate restorative outcome through real-time chair-side review of the digital impression, and proprietary occlusion clearance quality control
- Position of Straumann® implants is precisely captured at tissue and bone level by means of the genuine Straumann® Scanbody
- Large focus depth shows full anatomy details even in very deep sulcus situations
- High-resolution images via parallel confocal scanning

EFFICIENT

- Immediate export of high-resolution scan files to review by CADENT personnel and your dental laboratory
- Convenient case manager tool to monitor the progress of your cases
- Open data export to leading CAD/CAM and preoperative planning software systems
- Portable thanks to an uninterrupted power supply and wheels



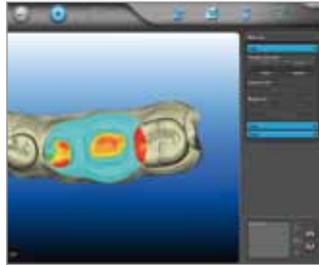
iTero™ WORKFLOW WITH STRAUMANN® CARES® DIGITAL SOLUTIONS

After generation of the digital impression, the data is reviewed and transferred to the dental laboratory. The dental laboratory orders a milled precision model which is centrally produced. At the same time, the dental laboratory designs the prosthetic solution by means of the iTero™ data and finalizes the restoration.

DIGITAL SCAN

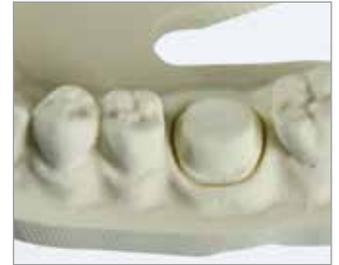


CHAIR-SIDE QUALITY CONTROL OF THE OCCLUSION



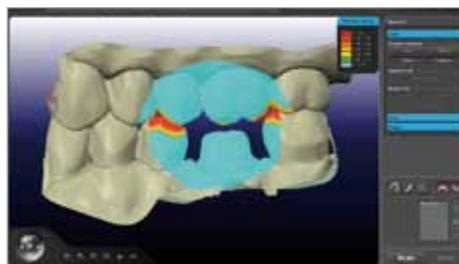
Data review and transfer to dental laboratory

CENTRALLY PRODUCED PRECISION MODEL



QUALITY CONTROL OF OCCLUSION CLEARANCE

This proprietary tool allows you to review preparations in real time, achieving an adequate occlusal clearance, which is crucial for the desired cosmetic and restorative outcome.



**DESIGN OF THE PROSTHETIC
ELEMENT IN STRAUMANN®
CARES® VISUAL**



**STRAUMANN® CARES®
CAD/CAM FULL
CONTOUR CROWN**

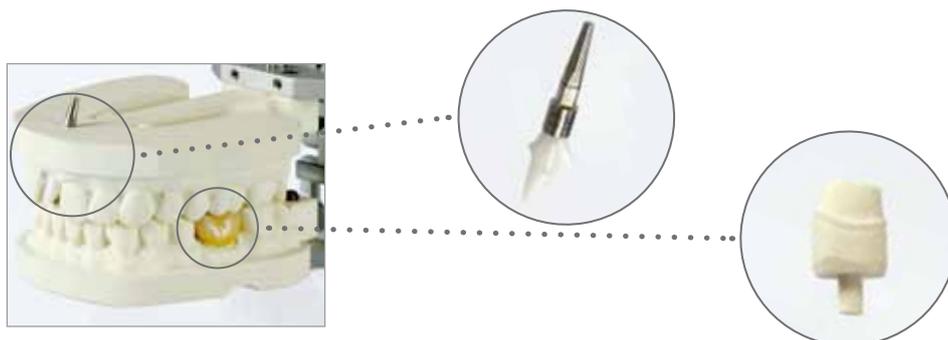


**FINALIZATION OF THE
RESTORATION BY THE
DENTAL LABORATORY**



**iTero™ PRECISION MILLED MODELS IN POLYURETHANE COMBINING ACCURACY AND UTILITY
FOR BOTH TOOTH-BORNE AND IMPLANT-BORNE INDICATIONS**

- Precision for both tooth-borne and implant-borne indications and even full arch cases
- Serves as working model and master model thanks to the customized removable teeth and Straumann® Repositionable implant analog
- Material resistant to damage during normal laboratory use
- Robust and re-usable metal articulators allow full 3D movements and are compatible with both quadrant and full arch cases



CLINICAL CASE WITH iTero™

This case shows the fabrication of a 4 unit bridge 21–13 based on iTero™ scanning data.



1. PRE-CLINICAL IMAGE

The patient presented devitalized teeth in position 21, 12 and 13. The tooth in position 11 was missing.



5. iTero™ MODEL WITH CUSTOM REMOVABLE TEETH



2. TOOTH PREPARATION

The patient was scheduled for a 4 unit bridge 21–13.



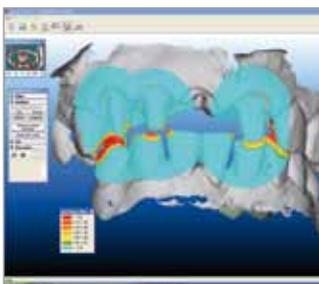
6. 4 UNIT BRIDGE ON THE iTero™ MODEL



3. PATIENT SITUATION SCANNED BY iTero™



7. FINAL RESTORATION



4. OCCLUSION CLEARANCE QUALITY CONTROL

iTero™ AT A GLANCE

iTero™ is a well-established technology existing since 2005. Many dentists and dental laboratories use iTero™ worldwide, making it a leading brand in the field of digital impression taking.

With the purchase of iTero™ you receive a complete and personalized training package for you and your practice team, performed on site at your facility.

Straumann's service and support is available to you through your local Straumann team, should you have any questions about your iTero™ equipment or software.

 Digital impressions represent a huge step forward in the pursuit for the perfect restoration, and also offer advantages in profitability and marketing. This technology is not the future but the present. Every restorative procedure is fascinating: it is a quest for the perfect fitting restoration, whether an inlay, a partial crown, a crown, a bridge etc. the perfect bite. The perfect contact points.

Zahnpraxis Dohmen, Gütersloh (Germany)

 In my opinion, the main advantage of the iTero™ scanner is the excellent precision of the ceramic restorations produced from the scan data. A laborious and time-consuming adjustment of the seating of the restoration might be avoided (e.g. approximal contact points, centric and eccentric contact points). Another benefit of iTero™ is the inspired technology which allows, for example, a powder-free scan.

Dr. Alexander Pitamic, Salzburg (Austria)

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