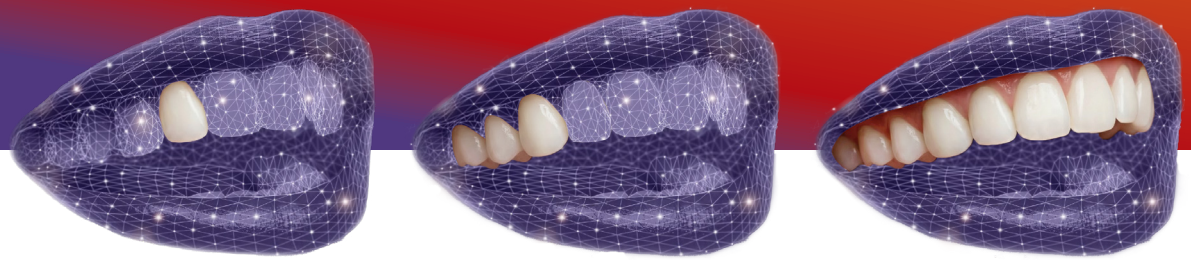
MODE IMPLANT

DIGITALL®

ECOSYSTEM

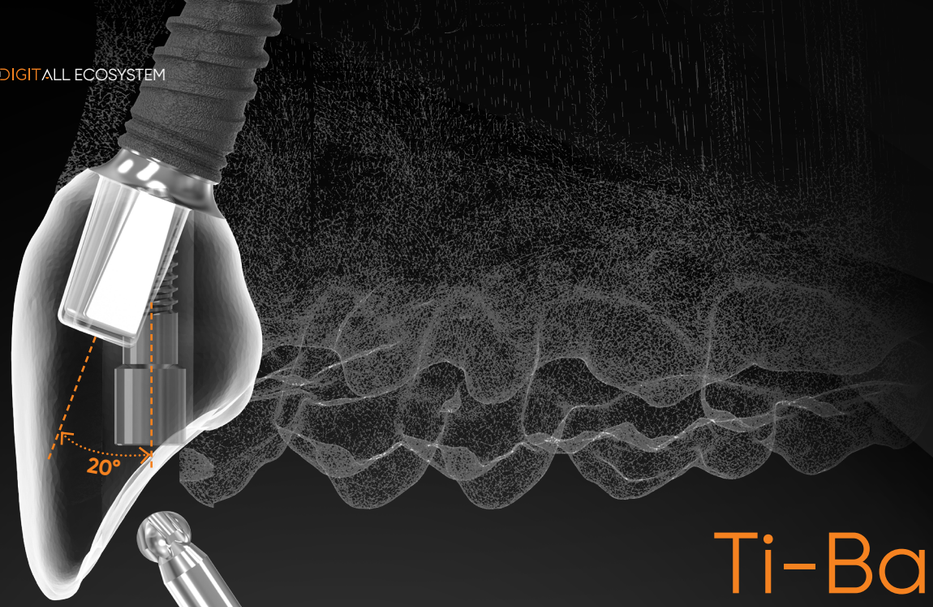


MODE DIGITALL ECOSYSTEM

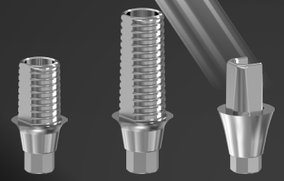
SPEED PRECISION ESTHETICS

A seamless digital workflow from single-tooth restorations
to full-arch rehabilitations

modeimplant.com

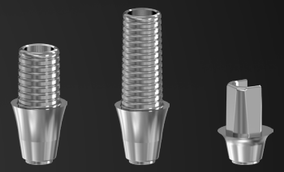


Ti-Base Abutment Series



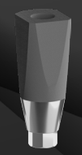
SINGLE UNIT

Standard, Long and Angled
Engaged Ti-Base Abutment Series



BRIDGE

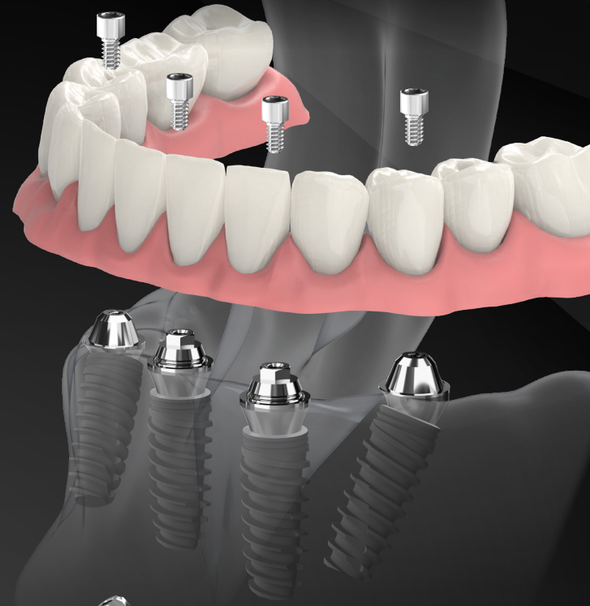
Standard, Long and Angled
Non-Engaged Ti-Base Abutment Series



Scanbody

Digital
Analog

MODE DIGITALL ECOSYSTEM



Multi-Unit Abutment Series

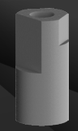
Standard, 17° Angled and 30° Angled Multi-Unit Abutment Series

BRIDGE

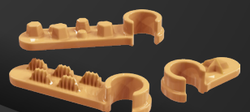
FULL-ARCH

Multi-Unit
Digital Analog

Multi-Unit
Digital Coping



Multi-Unit Scanbody



Multi Scanning Kit

Reverse Scanbody

Ti-Base
Abutment Series

Standard Ti-Base Abutment

- Ideal for restorations with a 4 mm crown connection height
- Suitable for single-unit and multi-unit restorations compatible with CAD/CAM systems
- Provides a precise conical connection and a robust connection architecture

Long Ti-Base Abutment

- The 7 mm long option is intended for deeply placed implants or restorations requiring greater vertical height.

Flex Ti-Base Abutment

- Optimized for angled screw channels, offering improved esthetics and greater flexibility in challenging cases.
- Supports angulations of up to 20°
- Special driver and screw head design for secure torque transfer, reducing the risk of stripping or slippage

Flex Driver

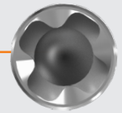
Supports angulations of up to 20°, enabling easier access to angled screw channels. Ensures stable and reliable torque transfer.

Square-Cut Thread Design

- New post design with prep-form geometry
- Flawless anti-rotational seating thanks to the square geometry
- Homogeneous cement gap with increased flat surfaces

Flex Ti-Base Abutment

Flex Screw



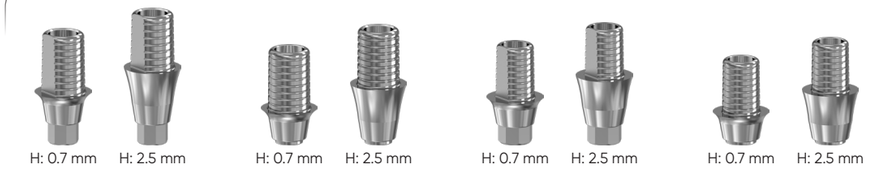
The Flex Screw, specifically developed for Ti-Base restorations, features a specialized head design compatible with angled screw channels.

The screw head and driver interface are designed for stable torque transfer, helping reduce the risk of slipping or stripping during clinical use.

Ti-Base Abutment

SINGLE UNIT BRIDGE

Standard Ti-Base Abutment

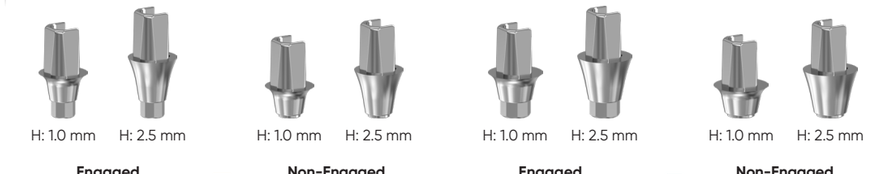


Engaged NP **Non-Engaged** **Engaged** RP **Non-Engaged**

NEW PRODUCT **Long Ti-Base** Abutment

Engaged NP **Non-Engaged** **Engaged** RP **Non-Engaged**

NEW PRODUCT Angled **Flex Ti-Base** Abutment



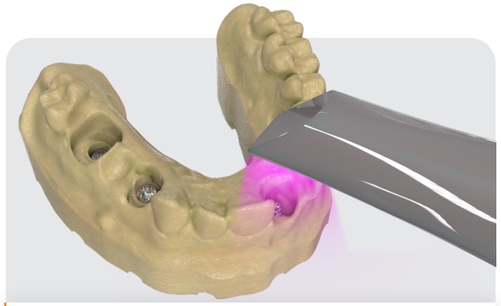
Engaged NP **Non-Engaged** **Engaged** RP **Non-Engaged**

DIGITAL SCANBODY

Scanbody

Digital Analog

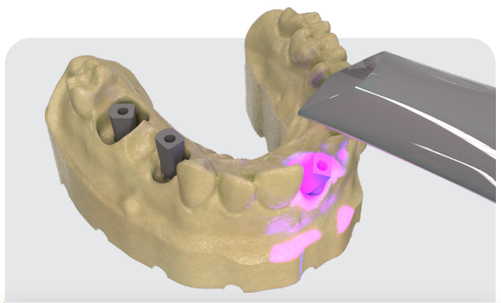
Ti-Base Abutment Series Digital Scanning Workflow



1

Soft Tissue Scanning

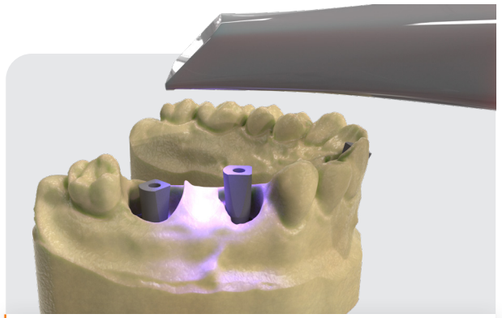
Soft tissue around the implant is digitally scanned to help define the restorative margins. This supports esthetic integration and enables more accurate planning of the emergence profile.



2

Single Implant Scanning

The scan body is placed on the implant to transfer the implant's position and connection data to the digital environment. This step provides the essential data required for the digital workflow in single implant cases.

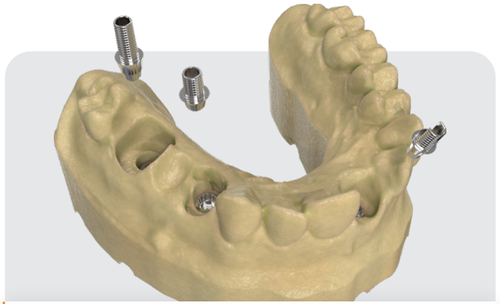


3

Scanning in Multi-Implant Cases

In cases involving multiple implants, scanning components ensure accurate transfer of the implants' position and angulation data to the digital environment.

The resulting digital data enables final restorations without trials in multi-implant cases.



4

Selection of the Appropriate Ti-Base

Digital data drives the diagnostics: Our system evaluates each case requirement to select the ideal component from our **Long, Standard, or Flex Ti-Base** range. This data-driven approach simplifies restoration planning and ensures an optimized emergence profile for every patient.

Digital Design, Production, and Clinical Application

5

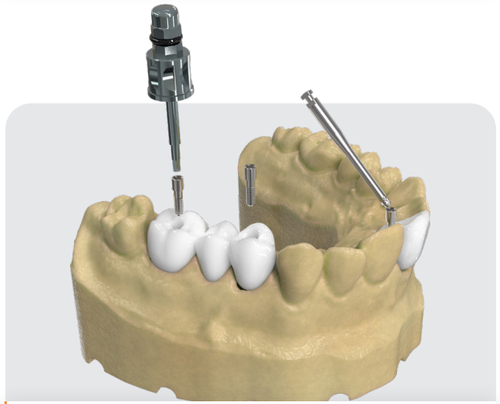
Case Analysis and Planning

Implant position, soft tissue profile, and restoration needs are analyzed together before proceeding to the digital design process. This evaluation increases predictability throughout the treatment process.

6

Digital Crown and Bridge Design

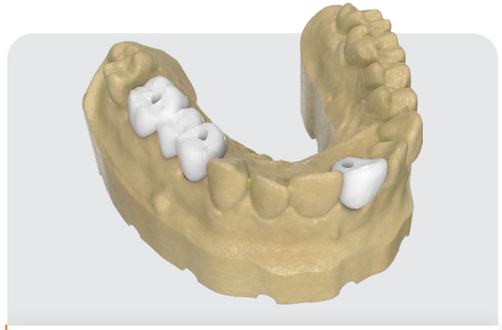
The restoration is designed on the selected prosthetic component in a digital environment, considering function, occlusal relationships, and adjacent tooth alignment, before moving to production.



7

Clinical Try-In and Initial Evaluation

The restoration is placed on the prosthetic components and the connection fit is verified. Initial clinical evaluations are then performed prior to final intraoral adjustment.



8

Final Adjustment and Delivery

Occlusion, connection fit, and intraoral adaptation are evaluated. After any necessary adjustments, the restoration is finalized. Following any necessary adjustments, the treatment process is completed.

Multi-Unit
Abutment Series

- Transgingival contour optimized for **natural gingival anatomy**
- Maximum stability and passive fit with a **seamless 360° platform**
- Full compatibility with global CAD/CAM libraries and **intraoral scanners**

Wide Range of Prosthetic Solutions

Supports a wide range of screw-retained restorations through a universal prosthetic connection design.

Multi-Unit Abutment Options

Straight, 17°, and 30° options adapt to implant position and support prosthetic planning at the appropriate angulation.

Long Conical Connection

Provides stable seating and sealing through a 1.44 mm implant-abutment conical contact surface.

Optimized Gingival Height Options

Options adapting to different gingival levels support soft tissue management and contribute to the controlled creation of the emergence profile. This approach aims to protect peri-implant tissues and support long-term restorative stability.

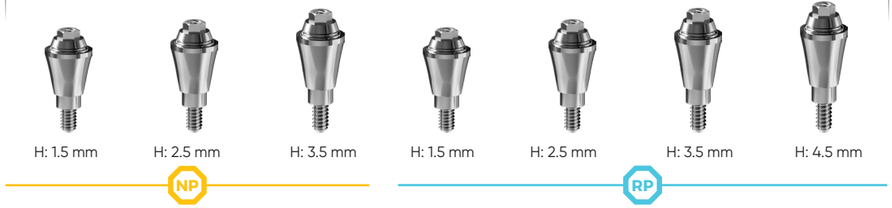
Octagonal Connection Design
for the Ultimate Passive Fit

The octagonal connection provides more indexing options than trilobe, square, or hexagonal anti-rotational designs, helping improve passive fit in multi-unit restorations.

Multi-Unit Abutment

BRIDGE FULL-ARCH

Standard Multi-Unit Abutment



17° Multi-Unit Angled Abutment

30° Multi-Unit Angled Abutment

DIGITAL IMPRESSION POSTS

Multi-Unit
Digital Analog

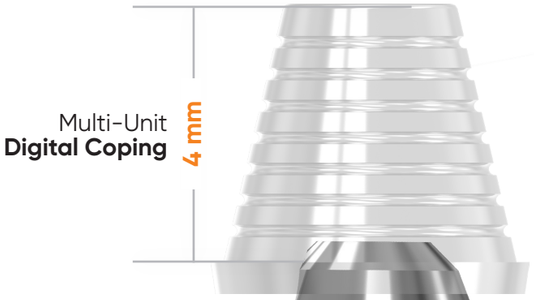
Multi-Unit
Digital Coping

Multi-Unit
Scanbody

Multi Scanning Kit

Reverse Scanbody

Multi-Unit Abutment Series

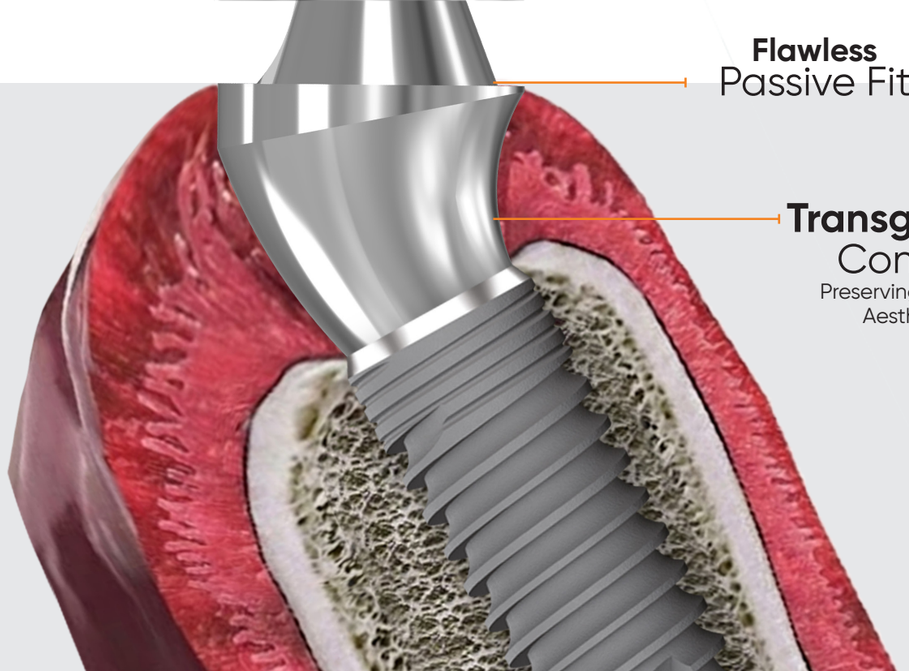


Superior
Gingival Geometry

Reliable **Shoulder Design**
and Uniform **Load Distribution**

Flawless
Passive Fit

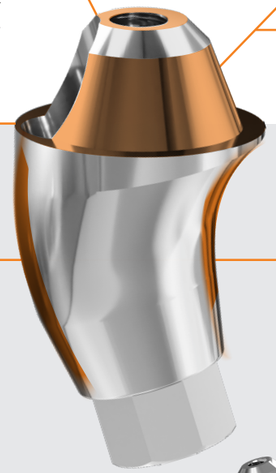
Transgingival
Contour
Preserving Gingival
Aesthetics



Passive Fit
Tolerance Up to
30°
Reliable and stress-free prosthetic fit for angled implant placements.

Seamless 360°
Platform Geometry
Fully enclosed prosthetic screw connection channel.

Perfect
Compatibility with
Global Impression
Systems



Wide Range of Gingival Height Options

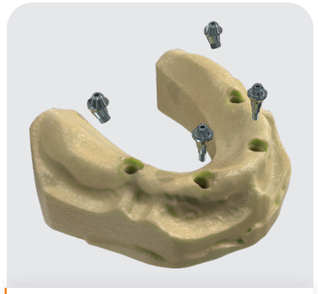
Three angulation options (0°, 17°, and 30°) provide flexible restorative solutions for different anatomical situations.

M1.4
Prosthetic
Screw

Wide Range of **Gingival Height** Options

1.5 mm ‹··GH··› 4.5 mm

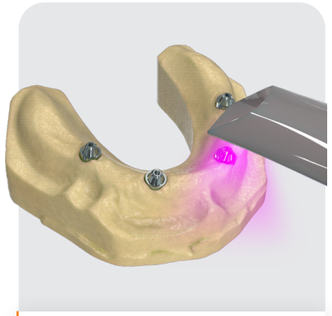
Multi-Unit Abutment Series Digital Workflow



1

Case Evaluation and Abutment Selection

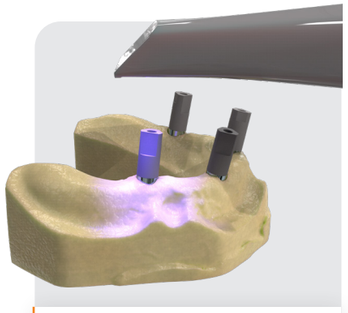
Implant positions are evaluated according to the treatment plan, and the appropriate Multi-Unit abutments are selected.



2

Soft Tissue Scan

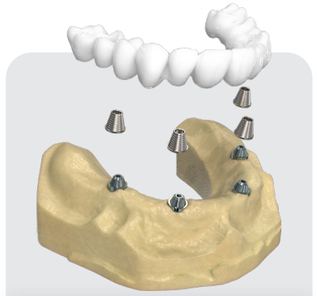
Soft tissue around the implant is digitally captured to support accurate planning of the restorative margins.



3

Scanning of Multi-Unit Scanbodies

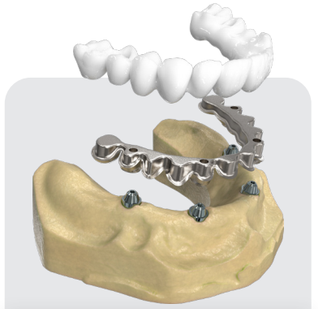
Scanbodies are placed to transfer the position and angulation data of the implants to the digital environment.



4

Prosthetic Connection Selection: Coping Connection

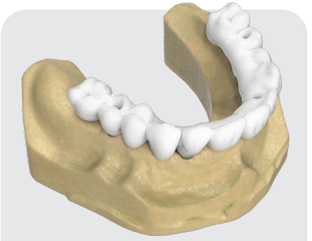
Supports passive-fit restorations by providing a stable foundation for monolithic zirconia and temporary restorations.



5

Prosthetic Connection Selection: I-Bar Connection

Provides an alternative connection option to meet different clinical requirements and support restorative flexibility.



6

Prosthetic Seating and Fit

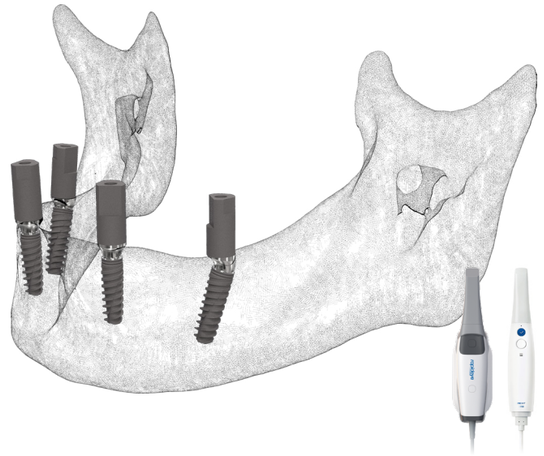
The restoration is seated, and connection integrity and intraoral fit are then evaluated.

Multi-Unit Abutment Series Digital Scanning Solutions

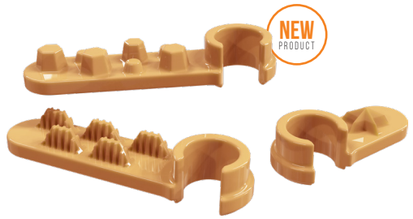
Multi-Unit Scanbody

Multi-Unit
Scanbody

The Multi-Unit Scanbody is designed for accurate digital registration of both straight and angled Multi-Unit abutments. Manufactured from titanium, its sandblasted surface helps reduce reflections and supports faster digital matching.



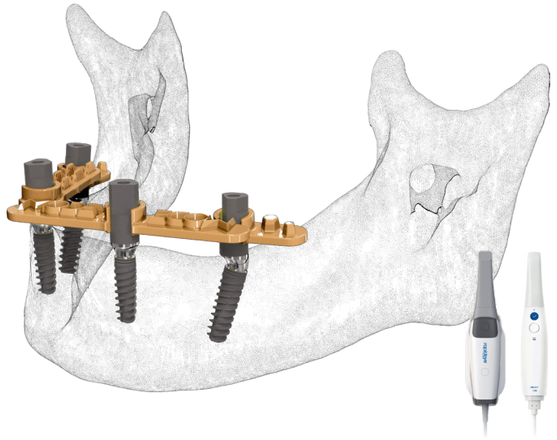
Multi Scanning Kit



Multi Scanning Kit

Intraoral scanners rely on reference points within the soft-tissue topography to capture scan data. In edentulous cases, capturing reference points from soft tissue can slow scanning and increase the risk of cross-arch deviation.

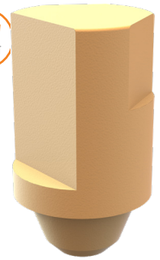
By using multi scanning kit attached connected to the Multi-Units, scan efficiency is improved, and cross-arch deviation is minimized. Additionally, this approach reduces excessive overlapping scan data during the process.



Full-Arch Precision Scanning Solutions

Multi-Unit Abutment Series Reverse Scanbody

NEW PRODUCT

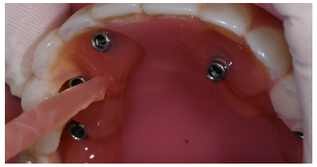


Multi-Unit Abutment
Reverse Scanbody

High-Precision Digital Impression for Full-Arch

MODE Reverse Scanbody is specifically designed for edentulous cases based on the reverse scanning principle, enabling high-accuracy transfer of implant positions to the digital environment directly through temporary restorations.

Digital Workflow with Reverse Scanbody

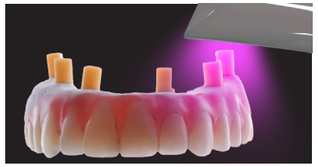


Referencing the Temporary Prosthesis

A temporary prosthesis with clinically verified function and fit is used as a reference. This step forms the foundation for the accurate and reliable recording of implant positions.

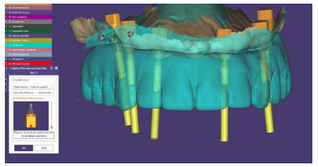
Connecting the Reverse Scanbodies

Reverse scan bodies are attached to the temporary prosthesis to read the implant positions. This allows implant coordinates to be transferred with near-perfect accuracy, ensuring a passive fit in the digital environment.



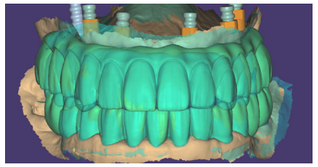
Intraoral Scanning in a Clinical Setting

The temporary prosthesis, with reverse scan bodies attached, can be directly transferred to the digital environment via an intraoral scanner. This significantly reduces the number of patient visits.



Digital Matching

Through scan data, reverse scan bodies are matched within the software to clarify implant positions. This process ensures the highest accuracy for restorative planning.



Digital Design of the Final Prosthesis

The final restoration is designed digitally using the clinically approved temporary prosthesis as a reference. This preserves existing functional and aesthetic data while accelerating the design process.

Production and Passive Fit

The final prosthesis is manufactured based on digital data obtained through the Reverse Scanbody protocol. This approach contributes to a controlled restoration process that supports passive fit in clinical applications.

Photogrammetry-Assisted Scanning Systems

The MODE digital workflow operates in full compatibility with photogrammetry-based intraoral and extraoral scanning technologies.

Intraoral

Photogrammetry compatibility for precision full-arch scanning

- Compatibility with global devices and library support
- Compatibility with Multi-Unit Photogrammetry scan bodies
- Guaranteed precision results within seconds
- Eliminate RPT risks

Extraoral

Photogrammetry compatibility for precision full-arch scanning

- Compatibility with global devices and library support
- Compatibility with Multi-Unit Photogrammetry scan bodies
- Guaranteed precision results within seconds
- Eliminate RPT risks

Perfectly compatible with global extraoral precision scanning systems such as Imetric, Oxo, and others.

IMETRIC OXO

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MODE IMPLANT

Intraoral and Extraoral Photogrammetric Scanners

rapideye MEDIT SHINING 3D DENTAL

IMETRIC OXO

Planning and Design Software

exocad exoplan ChairsideCAD DentalCAD

RealGUIDE ATOMICA ImplaStation

Resonance Frequency Analysis (RFA) Devices

OSSTELL penguin

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