

3shape ▶

3Shape TRIOS®

Digital Impression Solution



Technology designed the way you work

Next-generation digital impressions

More and more dentists are using digital impression taking systems because the new technology provides easy impression taking, better clinical results, increased patient satisfaction, and rapid ROI. While the benefits of digital impression taking are clear, not all digital impression solutions are geared for the future.

With TRIOS®, 3Shape offers yearly software upgrades to keep your TRIOS® system ever-strong. TRIOS® latest technology innovations allow dentists to realize complete digital workflows, take great impressions, and enjoy a realm of new business opportunities.

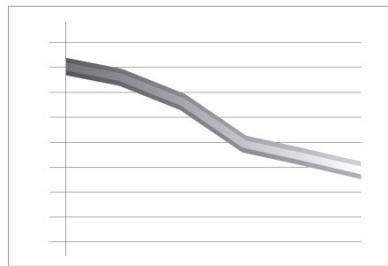
SCAN IN COLOR




New in TRIOS®



Color Scanning



40% scan speed improvement*



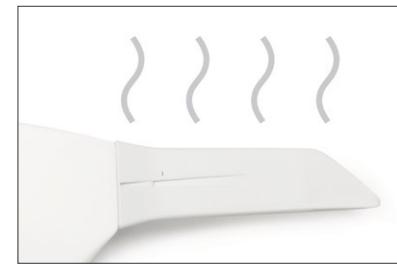
Post & Core and Orthodontics*



Scan from iPad



Connect to laptop



Integrated anti-mist heater

It all starts with a good impression

Getting an accurate restoration through conventional impression-taking can be challenging. Inconsistent quality of the impression too often leads to retakes, inferior clinical and esthetic results, and increased need for adjustments during seating. The TRIOS® digital impression solution solves many problems by providing accurate impressions from the start and a better patient experience.

TRIOS® benefits for dentists and patients

Dentists

High quality clinical results

- High digital impression accuracy for high quality restoration fit
- Instant preparation and impression validation
- Reduced adjustment and grinding during seating

Easy impression taking

- Powder-free scanning
- No impression materials and mess
- Never retake an impression

Stronger business

- Faster impression taking and reduced chair time
- Save materials and shipping costs
- Possibility to reduce costs with model-free crowns
- Online interactive communication

Patients

Better experience

- Quick with no discomfort caused by impression materials
- Extra comfortable with powder-free scanning

Increased satisfaction

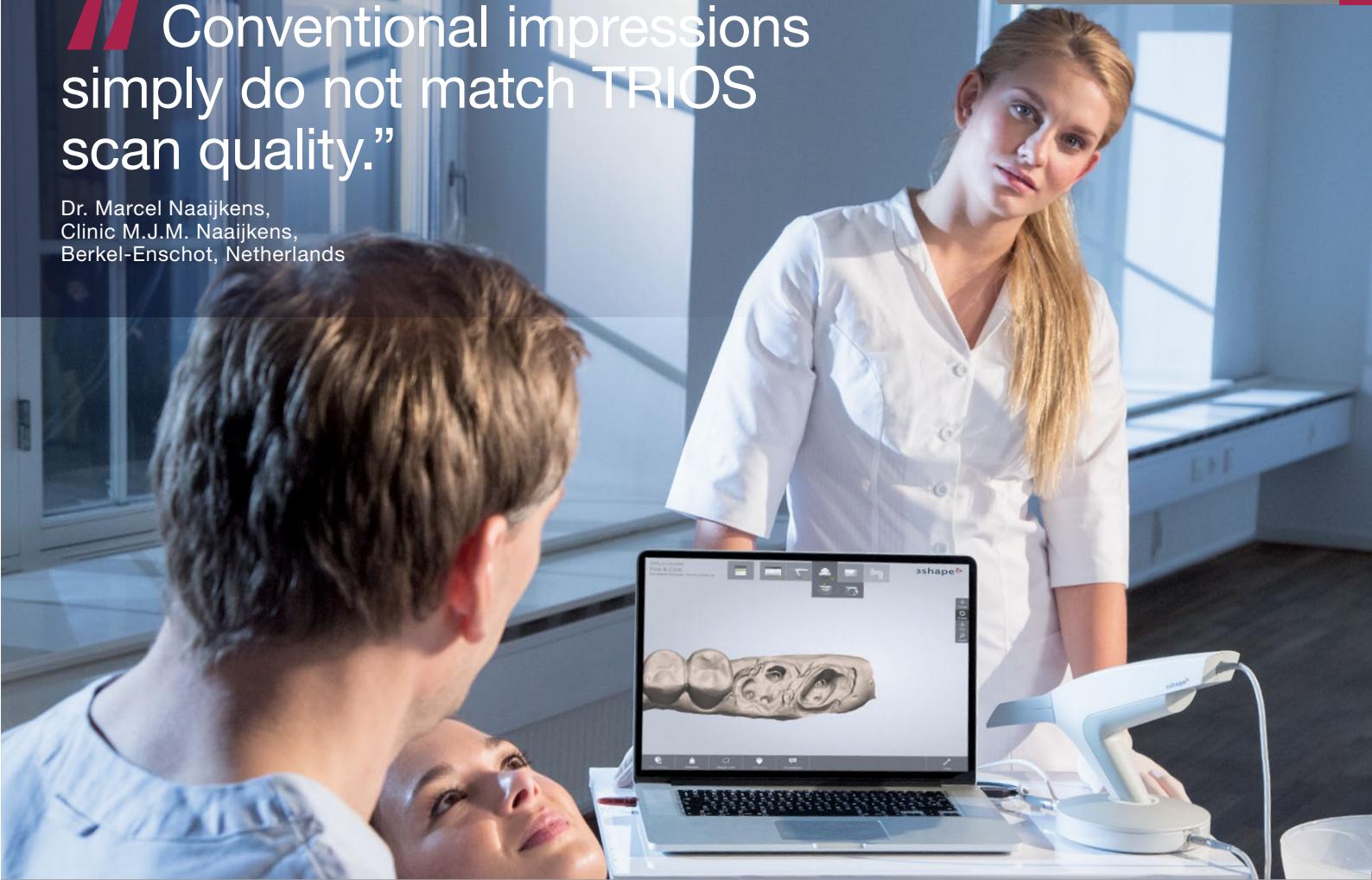
- High quality restoration fits and minimal grinding
- High quality clinical results

More convenience

- Reduced number of appointments due to fewer retakes
- Reduced overall chair time

Conventional impressions simply do not match TRIOS scan quality."

Dr. Marcel Naaijkens,
Clinic M.J.M. Naaijkens,
Berkel-Enschot, Netherlands



Save time, see more patients

Traditional Impression



Conventional Digital Impression



3Shape TRIOS®



TRIOS® reinvents impression taking

TRIOS® Ultrafast Optical Sectioning™ technology has been boosted with scan color, extra speed and an optimized tip design for ideal patient experience and integrated anti-mist functionality. Clinics can choose between a TRIOS® Standard or a TRIOS® Color solution.



RealColor™ scans with many clinical advantages

With TRIOS® color you can scan in natural colors to clearly distinguish between teeth, gingiva and restorative materials. Easily identify true preparation margins and improve scanning experience.



Powder-free for optimal accuracy and comfort

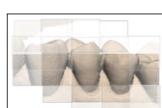
Applying powder is technique demanding, can ruin scan accuracy, is uncomfortable for patients and prolongs chair-time.



Now 40% faster

TRIOS® Ultrafast Optical Sectioning software has been optimized for even faster impression capture.

SCAN IN COLOR



Up to 1000 3D pictures for true geometries

Combining hundreds or thousands of 3D pictures to create the final 3D digital impression based on real data rather than interpolated artificial surfaces.



Scanning has never been easier

Easily move along the teeth as the scanner captures the impression in real time. No need to hold the scanner at a specific distance or angle for focus.



Autoclaveable tip with anti-mist heater

Achieve optimal hygiene and meet clinical requirements. The integrated anti-mist heater automatically ensures an optimal temperature for undistorted and crystal clear scanning.



The **TRIOS® Cart** radiates an aura of technology in a sleek design that heightens your patient's visit-experience and enhances the image of your clinic.

Live 3D visualization

View the digital impression being built on your PC's screen during scanning.



NEW Single hand operation

The newly designed scanner mount enables dentists to pick up and park the scanner with one hand.

NEW Integrated Training Center & Remote Support

Update your skills with latest videos, and tutorials. Connect directly to TRIOS® support experts while sharing your screen.

Modern easy-to-use Touch Screen

Smart-Touch screen provides full control without cumbersome trackball, or mouse operation.

Unique motion sensor interface

Like a gaming-controller, use the hand-held to virtually rotate and turn the digital impression.

Flexible connectivity with Wi-Fi and Bluetooth

Move the cart anywhere in the clinic while staying online. Connect to 3rd party devices such as wireless keyboards or cameras.

The **TRIOS® Pod solution** is an alternative to the cart and offers both mobility and flexibility for dentists working in multiple locations or for clinics with limited space.

Extreme Mobility

The light and handy Pod solution is easy to share among treatment rooms or different locations.

Use your iPad with scanning

Control TRIOS® from your iPad or mirror the live 3D view directly on other displays in the clinic such as monitors integrated in the chair.



Small footprint

The compact TRIOS® Pod can be placed anywhere in the treatment room or even in rooms where space is very limited.

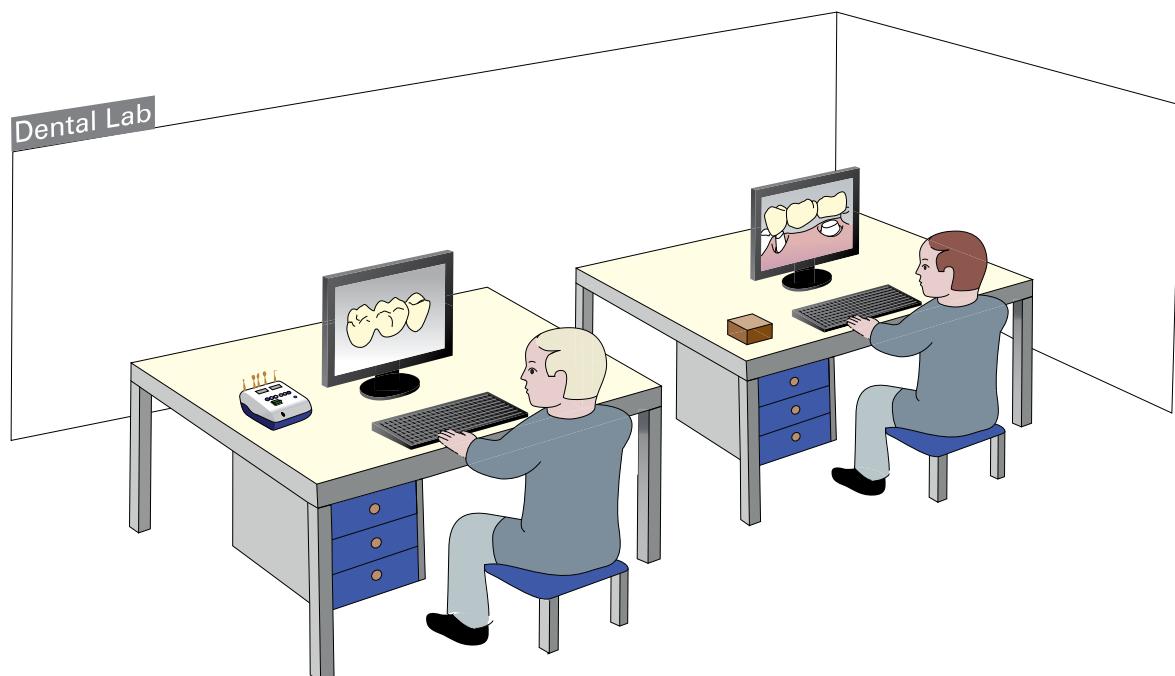
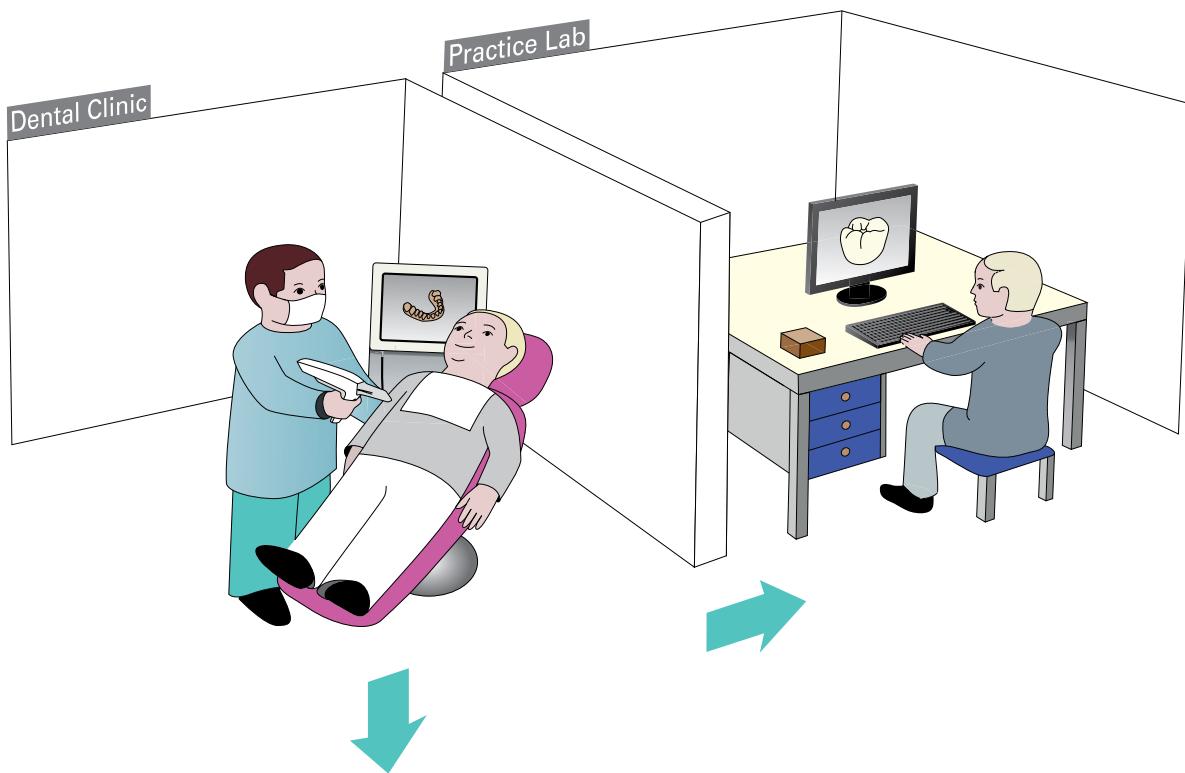
Connect to multiple laptops or PCs

Use with laptops, PCs in your treatment rooms, or with the PCs integrated in your chair units*. Simply connect to the USB port and start scanning.

*Note: Use with approved PCs.

Flexible solution for any lab setup

Whether you work with a dental lab or an in-house practice lab, TRIOS® open scanning technology will fit smoothly into any type of lab services arrangements you employ today or may wish to explore in the future.



Complete digital workflows

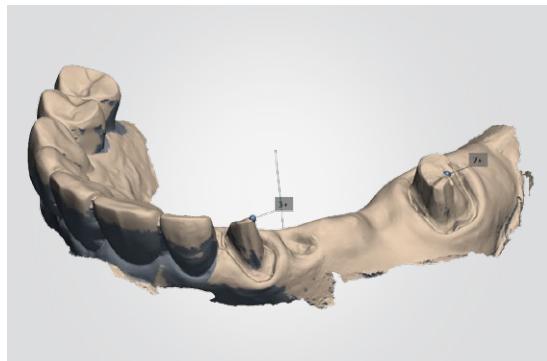
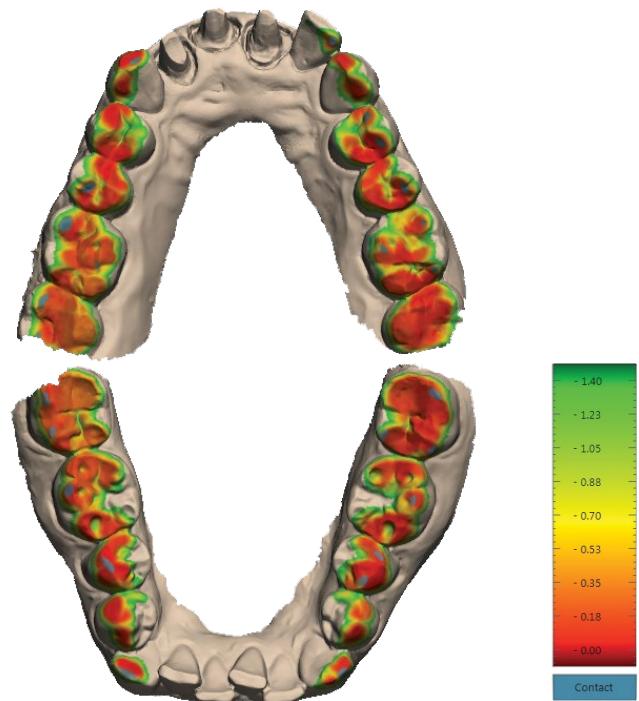
3Shape TRIOS® is not just about impression-taking. TRIOS® realizes full digital workflows opening new clinical possibilities and business opportunities - starting from the patient's visit in the clinic and ending with completed treatment.



- Dentist
- Lab

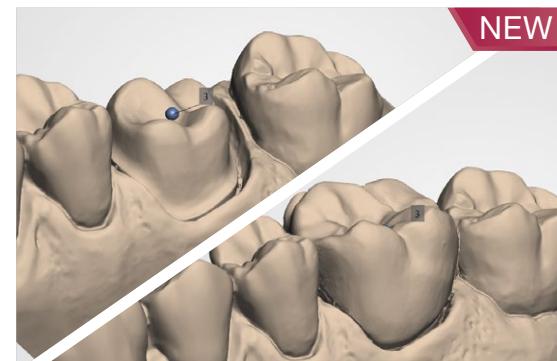
Validate Occlusal space

TRIOS® built-in Occlusal Clearance tool measures the distance between the preparation and the antagonist while the patient is in the chair. The color codes tell the dentist if there is adequate space for the particular restoration, enabling adjustments before the impression is sent to the lab.



Control for convergence/divergence

The Insertion Direction tool allows dentists to control the prepared teeth for convergence/divergence and modify the preparations if needed. The tool ensures an optimal insertion direction before sending the digital impression to the lab.



Add a pre-preparation scan

Easily create and attach a pre-preparation scan that labs can use as guidance for designing restorations that resemble the patient's original teeth.

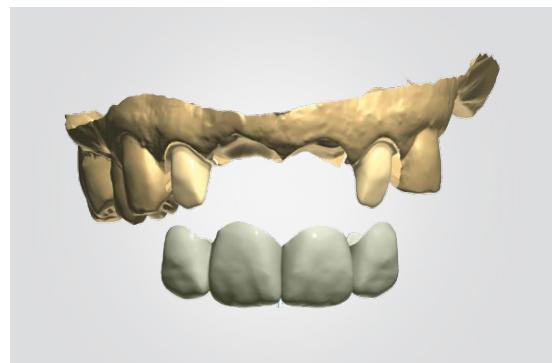


“// TRIOS makes impression-taking less stressful”

Dr. Jan Bjerg Andersen
Just Smile Dental Clinic, Copenhagen

Get the broadest range of indications

TRIOS® supports the broadest range of dental indications giving clinics options for new business models, widened opportunity, and rapid investment returns. Special- ly developed scan workflows deliver digital impressions that are optimally matched to dedicated CAD workflows and the intended clinical results.

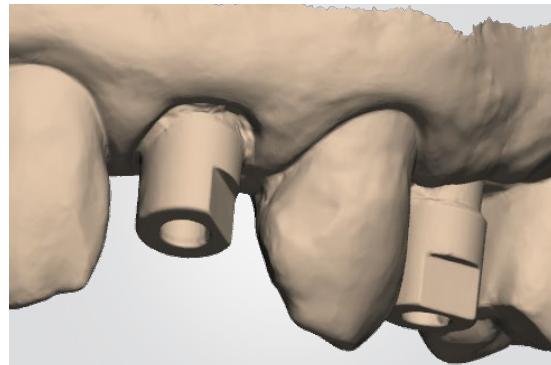


Get Crowns and bridges in any material

Supports crowns, bridges, inlays, onlays, and veneers, all with sub-gingival preparation. TRIOS® is optimized for digital model making allowing you free choice of model type and service provider. Alternatively, get cost-efficient crowns in a complete model-free workflow i.e, without pouring a gypsum model.

Try the final restoration as a temporary

Send digital impressions of the unprepared teeth to your lab and get back cost-efficient temporaries in the shape of the final crown. Obtain virtual diagnostic wax-ups for treatment planning or visualization of expected results to share with your patients.



Implant impressions made easy

Conventional implant impression-taking can be cumbersome, time consuming, and prone to errors. TRIOS® lets you capture single implant positions using recommended autoclavable scan-bodies supporting a wide range of implant systems. Dentists ensure optimal esthetics by adding a scan of the soft tissue emergence profile.



Unique workflow for Post and Core restorations

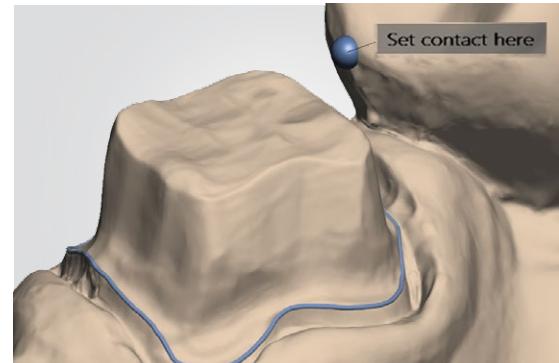
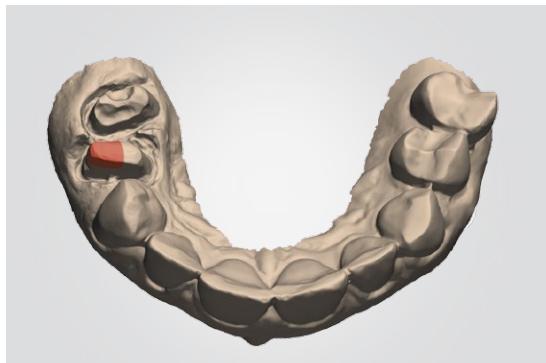
TRIOS® is optimized for Post and Core scanning in which high accuracy and reliable depth capture are especially critical. A unique dual-scan workflow using Scan Posts ensures accurate capture of true depths and positions of the root canal. Scan Posts support selected drill supplier systems. *Patent Pending*

Digital models for Orthodontics

Accurately capture full arches and the occlusal situation in a fast and easy workflow. The digital impression provides perfect input for digital study models, treatment planning, and appliance design. TRIOS® for Orthodontics includes 3Shape Ortho Analyzer™ software for treatment simulations, virtual setups, and analyses.

Open new possibilities with digital impressions

Digital impressions give you many options that simply do not exist with traditional impression taking. TRIOS® contains a broad array of smart tools that make it easier than ever before to ensure the high quality of both impression and preparation while the patient is still in the chair.



Easily view, edit and rescan

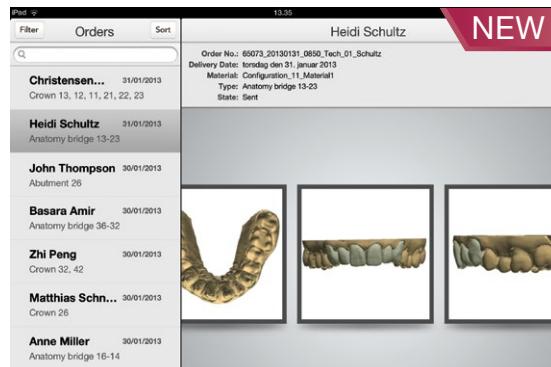
The Smart-Touch screen, with its 3D rotate and zoom functionality, makes it easy to validate impression quality and add 3D comments. Edit scans and easily rescan specific areas instead of starting over - a useful tool if you modified the preparation after scanning, or if blood or saliva covered the margin line.

Add a margin line and 3D comments

As an extra option, the dentist can easily draw a margin line directly on the 3D digital impression with a finger. Upon receiving the scan, the lab will see the margin line, plus any 3D comments from the dentist, directly in their design software.

Share, Communicate and Interact

Dentists and labs can easily communicate and discuss their cases. Share impressions, design images, 3D previews of proposed designs, suggested margin lines, and questions or comments. Access cases and communicate anywhere and anytime - directly from your TRIOS® cart, through a PC, tablet, smart phone, in the clinic or on the road.



iOS App to communicate anywhere and any time

With the App you can communicate, rotate and view the scan and restoration in 3D anywhere and anytime. Easily send comments and instructions to the lab. Take patient pictures with your smartphone to send along with the digital impression.



Free Communicate™ account and space in the Cloud

Dentists now gain access to the worldwide install-base of 3Shape labs. Every TRIOS® system comes with a free 3Shape Communicate™ account that includes adequate cloud storage space and unlimited lab connection possibilities. Connection is easy - you only need an email address and your Cloud space can be expanded if needed.

Bring TRIOS® into your clinic's workflows

As with all your dental equipment, your digital impression solution should fit in smoothly with your clinic's existing tools, routines and established workflows. That's why TRIOS® is designed to easily integrate with your current practice management system and to support your clinic's lab-order procedures.



Intelligent and customizable order forms

Along with patient details and the digital impression, dentists can attach 2D images, comments notated directly on scans, and detailed tooth color information in order to convey all case aspects to the lab. Order Forms can be customized to reflect the lab's specific restoration offerings and information requirements.

Integration with clinic administration systems

Exchange information between TRIOS® and selected practice-management systems. Load patient information directly from your system and store scans in the actual patient record. With the TRIOS® client solution, secretaries or dentists can review cases or prepare orders from their desk saving chair time.



Integrated Chair Solution

Streamline your clinic, enhance the experience, and save space with TRIOS integrated chair solutions. Control and view all scan activity on a chair-mounted iPad or other displays.



3Shape has firmly established its position as a leading industry pace-setter for breakthrough developments in 3D scanners and CAD/CAM technologies. More than 300 employees and over 140 developers work daily to bring 3Shape's innovative solutions to dental professionals worldwide. With TRIOS®, 3Shape now brings its vast expertise and innovation power directly to dentists. 3Shape is a global company and its offices span the world with presence in Europe, Asia and the Americas.

3shapedental.com
Facebook.com/3shape

3Shape world map



- ① 3Shape Copenhagen Headquarters
Training, support, hardware service,
development, sales

- ② 3Shape in Germany
Training and support

- ③ 3Shape Poland
Training, support, hardware service,
production

- ④ 3Shape Ukraine
Training, support, development

- ⑤ 3Shape in France
Training and support

- ⑥ 3Shape in Italy
Training and support

- ⑦ 3Shape US - West Coast
Training, support, hardware service

- ⑧ 3Shape US - East Coast
Training, support, hardware service,
business development

- ⑨ 3Shape South America
Training and support

- ⑩ 3Shape Asia
Training, support, hardware service
business development

● 3Shape office

● 3Shape presence



3Shape.com
Visit our corporate website
to learn more about 3Shape
and our innovation



3shapedental.com
Visit our dental website to learn
more about 3Shape solutions for
your clinic or lab

Follow 3Shape

