

# 3Shape X1

Scanning redefined



3shape 

# Why choose the X1

## Give your patients a great experience

No head fixation and sleek design create a comfortable scanning experience for your patient

## High image quality low dose scanning

Radical motion compensation technology and Dynamic Field of View deliver accurate images with low dose

## Offer more services to your patients and partners

Full integration with 3Shape treatment modules for orthodontics and implantology enable you to provide more services and keep patients in-house

### Image without motion compensation

Motion artifacts typically seen in children and elderly patients limit image quality, diagnostics and treatment options.



### Image with 3Shape motion compensation

Motion compensation corrects for artifacts to create clear and accurate images.



# Motion compensation technology for high accuracy

Introducing the 3Shape X1 4-in-1 CBCT scanner with motion compensation technology – a groundbreaking application that delivers uniquely clear and precise images by limiting blurring and motion artifacts. For your practice, it means images that are more accurate and a more efficient workflow with less retakes.<sup>1</sup>



Motion compensation uses patented head tracking technology to measure patient movement during scanning. Using powerful reconstruction software, motion compensation corrects for any movements and delivers sharp stable CBCT, panoramic, face scan and cephalometric images.<sup>1</sup>

# Easily create digital views of your patient for diagnostics and treatment planning

Diagnose and plan your treatments using 3Shape X1  
CBCT, panoramic, cephalometric and face scans and  
3Shape TRIOS® intraoral scans

Deliver more services with dedicated restorative,  
orthodontic and implant software workflows

Benefit from precision planning and predictability  
driven by consistent digital data shared seamlessly  
across all software

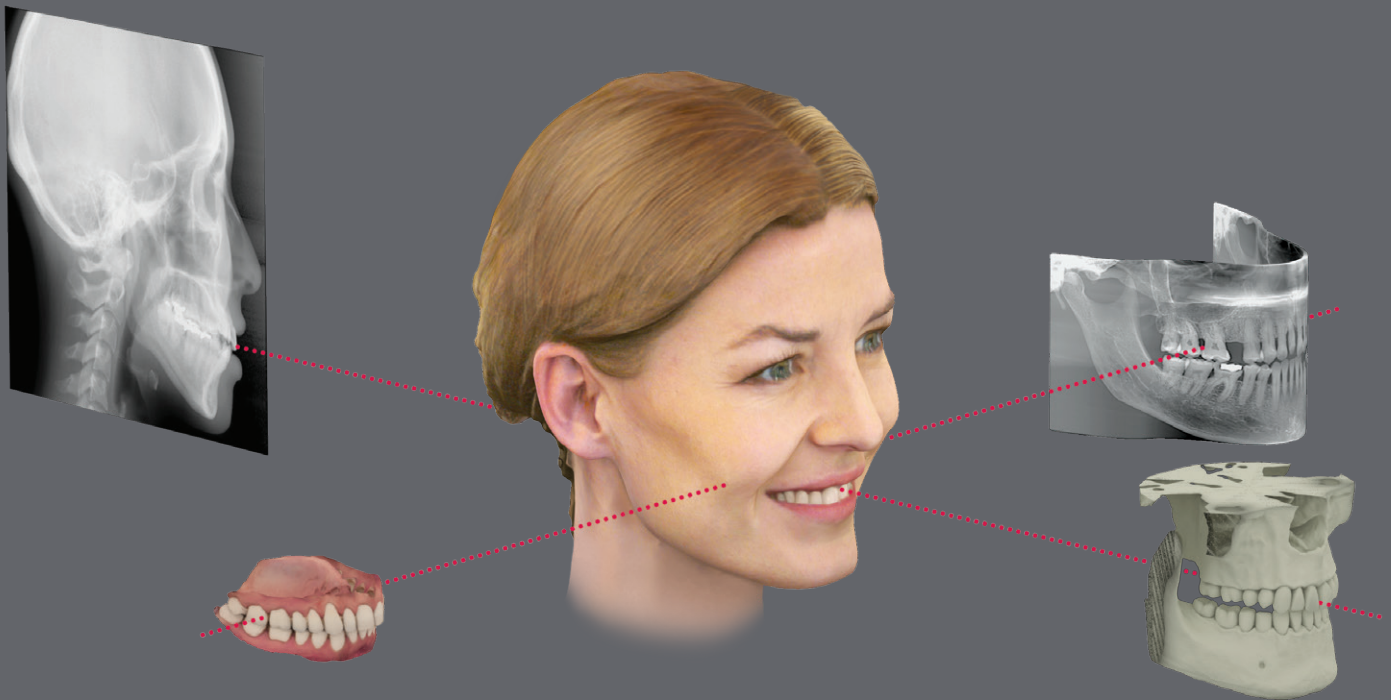


Create precise digital views of your patient by using both 3Shape X1 open DICOM format and 3Shape TRIOS® intraoral scans. Take advantage of consistent digital data for planning, diagnostics, production, and patient treatment acceptance with intuitive step-by-step workflows.

**Cephalometric** – Integrated solution without the need of a cephalometric arm

**Face scan** – Full or half rotation, for promoting treatment acceptance

**Panoramic** – Pediatric and adult modes



**Intraoral scan** – Documented accuracy with TRIOS is a perfect start to your workflow <sup>2</sup>

**CBCT scan** – Dynamic Field of View from Ø2x2 up to Ø16x15 cm depending on model



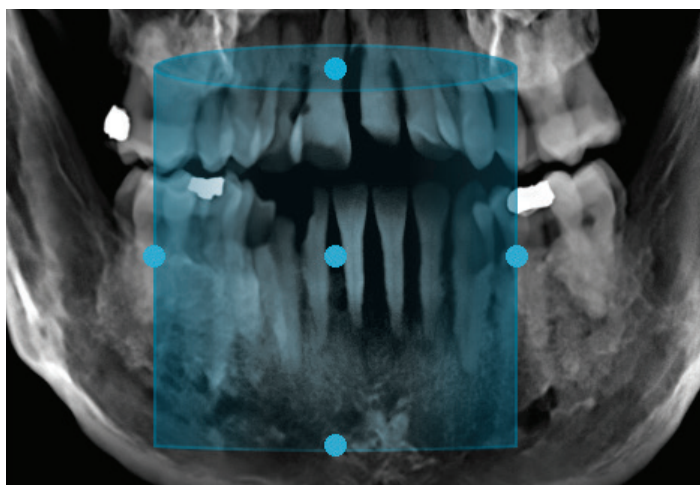
# Comfortable patients and better scanning experience

The X1 is designed with a soothing all-natural, easy to clean, wood chin rest. Relaxing ambient lighting guides your workflow.



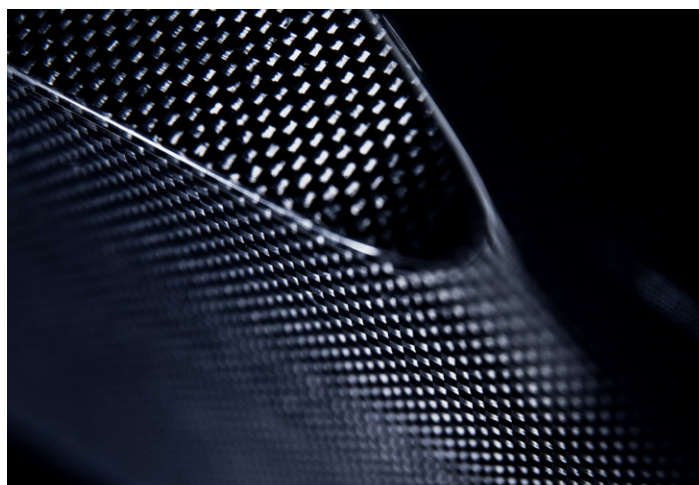
# High image quality low dose scanning

3Shape X1's advanced motion compensation technology combined with high rigid carbon fiber and Dynamic Field of View reduce patient dose while improving image quality. <sup>1</sup>



## Dynamic Field of View

Dynamic Field of View reduces dose by capturing only the anatomical region you need. Simply adjust the field of view directly on the scout image to your desired area.



## Carbon fiber

The X1 is built in carbon fiber. Due to its rigidity, carbon fiber eliminates vibrations and avoids blurred images to deliver more accurate scanning.



"The X1 gives me great images at low dose which is a huge advantage for my patients"

**Dr. Simon Kold,**  
Denmark

# Offering more services to your patients and partners

Take advantage of seamlessly integrated digital workflows with 3Shape X1 scans and 3Shape implant and orthodontic software. Or use the 3Shape X1's easy-to-use multi planar reconstruction (MPR) viewer for stand-alone diagnostics and reporting.

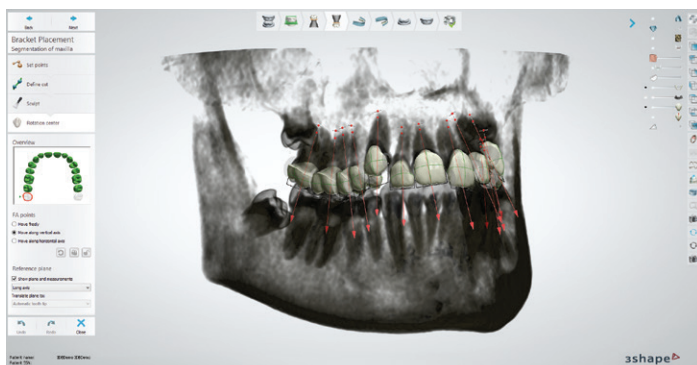
**3Shape orthodontic solution** – complete digital solution for orthodontic clinics and laboratories

Include X1 in your case studies for more efficient diagnostics and clinical insight

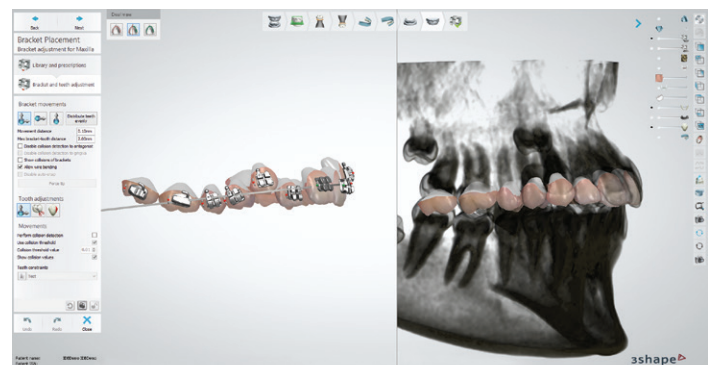
Perform treatment planning, appliance designing and treatment monitoring

Seamless connection to over 150 original bracket libraries and orthodontic solution providers

## Long axis adjustment



## Wire adjustment





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“I am now able to reduce time allocated for patient appointments by more than 50% because I pre-plan treatment using Implant Studio,”

**Dr. Luis Cuadrado,**  
Spain

**3Shape Implant Studio** – digital implant planning for improved predictability and better patient experience

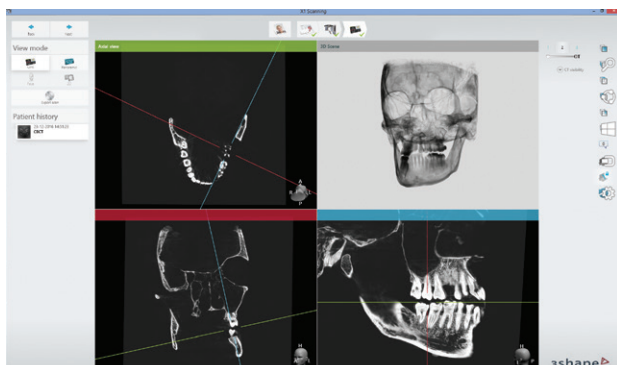
Improve treatment outcome with prosthetic driven implant planning based on 3Shape X1 and TRIOS® intraoral scans

Create more predictable and consistent implant treatment workflows

Take advantage of guided surgery – design and print your own surgical guides in-house

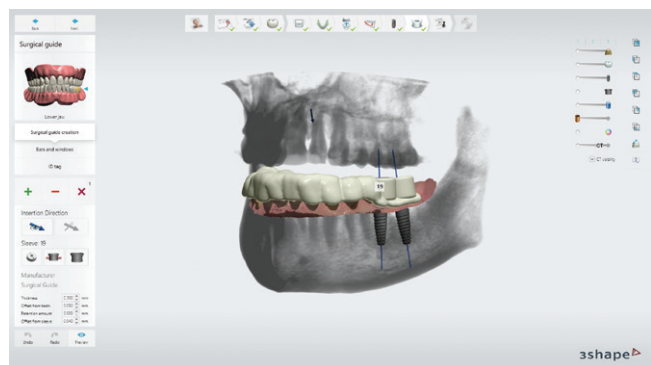
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**X1 MPR viewer**



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**Guide design step in Implant Studio**



# 3Shape CliniCare

## Extra value that keeps you ahead

CliniCare is designed to ensure your investment through training and knowledge sharing, efficient support and unlimited software improvements.



### Training and events

Comprehensive user-events, training and learning resources developed by dental technicians and 3Shape experts.

- 3Shape end-user events to meet your peers and share knowledge
- Free online training webinars for all subscribed users



### Unlimited upgrades

Unlimited software upgrades assure you that your solution continues to lead and grow year after year.

- Upgrades can include unique functionality and new digital workflows
- Unlimited supplemental upgrades



### Global support

CliniCare means you have the 3Shape global network of authorized support experts helping you in your local language and time-zone.

- Access to 3Shape Support & Service Centers placed in 10 major regions
- Primary local support provided by certified 3Shape representatives

Floor mount



Minimum room size (DxWxH)  
Weight

Reconstruction PC  
Motion compensation  
Dynamic Field of View (FOV)  
Face Scan (180/360 degrees)  
Field of view  
Voxel size  
Cephalometric solution  
Open DICOM  
X-ray characteristics  
Patient positioning  
Reconstruction time

Wall mount



Floor mount

1.6 x 1.3 x 2.3 m  
Approx. 230 kg

Wall mount

1.5 x 1.3 x 2.3 m  
Approx. 150 kg

Always Included  
Always Included  
Always Included  
Always Included  
Ø2x2 to Ø16x15 cm (depending on option)  
100 µm to 400 µm  
Optional – same room size  
Yes  
60 to 90 kV , 4 to 12 mA  
Wheel chair, seated and standing  
Max. 5 minutes

# About 3Shape

3Shape is changing dentistry together with dental professionals across the world by developing innovations that provide superior dental care for patients. Our portfolio of 3D scanners and CAD/CAM software solutions for the dental industry includes the multiple award-winning 3Shape TRIOS® intraoral scanner, the game-changing 3Shape X1 4-in-1 CBCT scanner, and market-leading scanning and design software solutions for dental labs.

Two graduate students founded 3Shape in the year 2000, and today the company's fast-growing team of employees in 19 offices worldwide is serving customers in over 100 countries. 3Shape's products and innovations continue to challenge traditional methods, enabling dental professionals to treat more people more effectively.

## Let's change dentistry together

### References

1. Data on file
2. Refer to the following references: Hack GD, Patzelt SBM. Evaluation of the Accuracy of Six Intraoral Scanning Devices: An in-vitro Investigation. ADA Professional Product Review. 2015

Expected EU availability late 2017.

Contact your reseller regarding availability  
of 3Shape products in your region