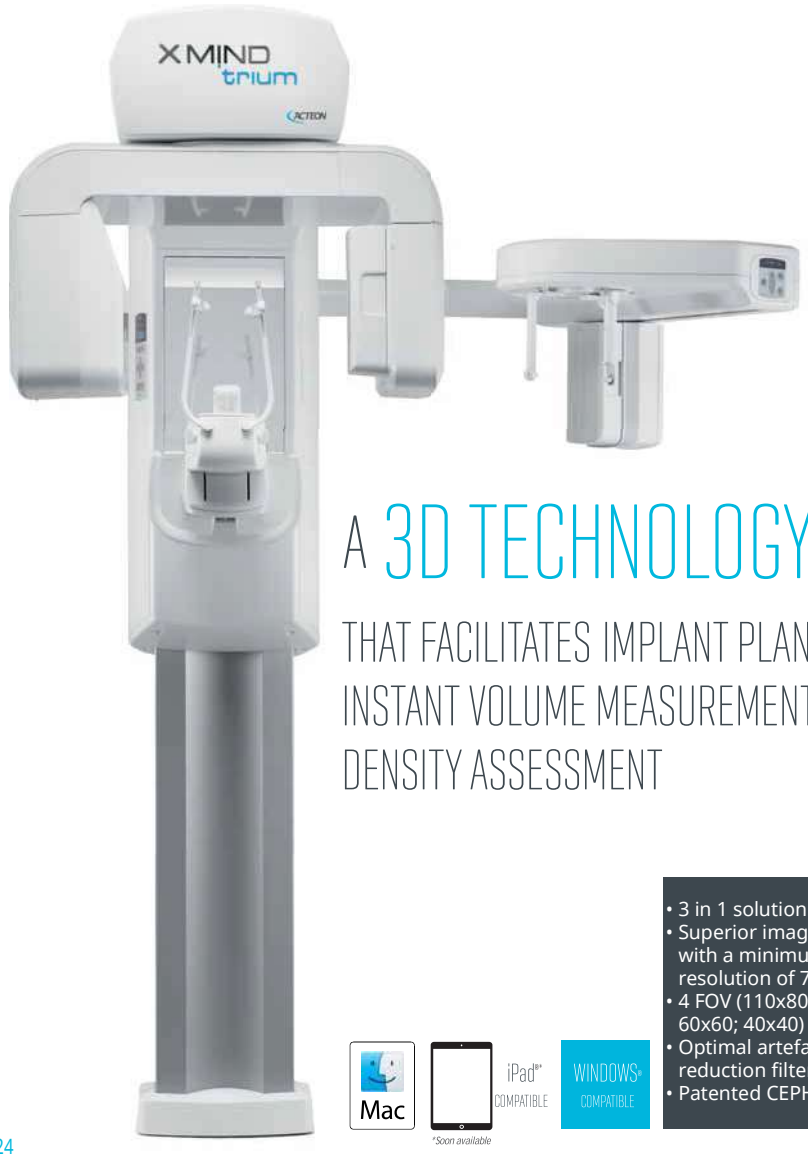


A 3D TECHNOLOGY

THAT FACILITATES IMPLANT PLANNING WITH INSTANT VOLUME MEASUREMENT AND BONE DENSITY ASSESSMENT

Mac

iPad* COMPATIBLE

*Soon available

WINDOWS® COMPATIBLE

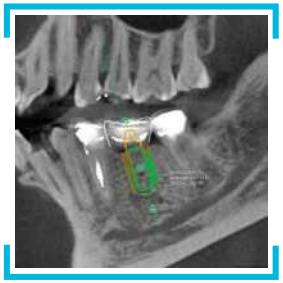
- 3 in 1 solution
- Superior image quality with a minimum resolution of 75 µm
- 4 FOV (110x80; 80x80; 60x60; 40x40)
- Optimal artefact reduction filter
- Patented CEPH module

An outstanding image quality

The success of diagnosis and endodontic treatment has been greatly improved thanks to the resolution of 75 µm.

A reliable assessment of bone density

A precise and detailed analysis of the existing bone volume is highly recommended in order to reduce complications associated with implant placement.
The ACTEON® Imaging Suite 3D software displays the assessment of bone density all around the implant with just one click.



Focus on the region of interest

X-Mind® trium offers you a broad selection of field of view, letting you focus on the region of interest for the target diagnosis and reducing the patient's exposure to X-rays:

ø 110x80 mm

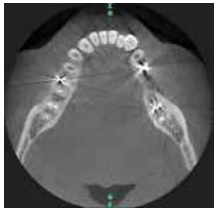
ø 80x80 mm

ø 60x60 mm

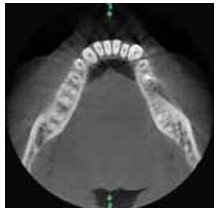
ø 40x40 mm

An optimal filter for reducing metal artefacts

X-Mind® trium is equipped with a dynamic artefact reduction filter to eliminate streaks and dark bands caused by the presence of metal. The image can be freely reconstructed with adjustable filter levels based on the target level of information and the need to cut out artefacts. The goal is to best isolate the desired information during the examination.



without filter



with filter

Simplified implant panning

1. **Locating and tracing the mandibular canal** precisely is the first step in the implant planning procedure. It also measures the distance between the canal boundary and the implant.

2. 3D modelling can then be used to **choose the size and shape of the implants** in proportion to the patient's morphology based on a **substantial and scalable implant library**. Better still, you start by putting the crown in place, which serves as a guide for better positioning of the implant.

3. ACTEON® Imaging Suite gives useful information to assess volume and bone density for implant placement, which can effectively be used to guide the diagnosis and surgical treatment.

4. ACTEON® Imaging Suite exports imaging data generated by X-Mind® trium scans in **STL format**. This data can be imported into a surgical guide design software.

5. In less than a minute, you can produce and print **a full implant** report, to illustrate your written report (required). This illustrated report can also help you better inform your patient or a referring dental surgeon.

Panoramic radiography

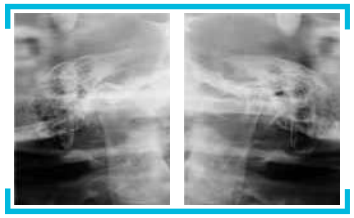
Panoramic with improved orthogonality

X-ray beam perpendicular to the jaw for better orthogonality and to reduce the overlapping of crowns.

Bitewing

A quick bitewing image in one shot

TMJ sections



Both open and closed mouth images

Maxillary sinus

Frontal views of the lower portion of the maxillary sinus and paranasal area

Cephalometric radiography

Full skull lateral

Posterior anterior