

Latest NewTom GiANO HR offers super HD clarity in 2D, 3D and Ceph images

Innovative technology and outstanding efficiency packed into a powerful, versatile device characterise the latest imaging solution from NewTom. The latest NewTom GiANO HR ensures superb performance in every situation with its relocatable sensor, a new-concept teleradiographic system and three easy-to-upgrade 3D configurations that meet every need.

GiANO HR provides a wide range of 2D and 3D examinations that are ideal for diagnoses concerning either complete or partial dentition, single dental arches and all maxillofacial regions. 3D volumes with FOV from 4 x 4 cm up to 16 x 18 cm and resolution

up to 68 µm, the highest resolution available on the market, allow you to assess maxillary sinuses, frontal sinuses, temporomandibular joints, airways and the internal ear.

NewTom HR technology

Ongoing research and innovation have produced a device made up of innovative hardware technology and exclusive reconstruction algorithms. Low-dose protocols, SafeBeam™ technology and servo-assisted alignment to protect patient health complete the picture. Three configurations are available:

3D Prime configuration

GiANO HR allows the user to always select the programme best suited to the clinical application with a few guided steps. Images of the complete dental arches can be obtained with a single scan or via ultra-high definition sectional acquisition in ECO-Dose mode (ultra-fast scanning). Highly accurate, finely defined 3D volumes provide the detailed information needed for meticulous examination of the site and proper implant assessment. Smaller FOVs, especially suited to paediatric applications, ensure that only anatomical regions of interest are irradiated, thus minimising patient exposure while providing images of the very highest quality. A more powerful X-ray chain ensures high quality teleradiographic projections for general applications including:

- General dentistry;
 - Implantology;
 - Endodontics;
 - Gnathology; and
 - General orthodontics.
- 3D Prime configuration offers:
- **FOV 10 X 8 cm:** Perfect view of both arches. The 10 cm diameter includes third molars, even in adult patients. Also available with 8 cm diameter for children and patients with a small build.
 - **FOV 6 X 6 cm:** Ideal for sectional view along the arch. Partial scan of the individual semi-arches or frontal zone allows considerable reduced dose.

3D Advanced configuration

The ideal configuration for full dental applications, from endodontics to orthodontics and otorhinolaryngology (ENT). Using patented technology, GiANO HR Advanced can generate single volumes of up to 13 x 16 cm, providing a complete overview of dentition, maxillary sinuses and airways. An examination performed with GiANO HR highlights characteristics such as micro-fractures, bone height and root shape and tilt with the utmost precision. Low X-ray doses, combined with the 3D aMAR (autoadaptive Metal Artifacts Reduction) function, illustrate anatomical structures clearly even in the presence of metallic objects. It is ideal for applications including:

- General dentistry;
 - Implantology;
 - Endodontics;
 - Gnathology;
 - Orthodontics; and ENT.
- 3D Advanced configuration offers:
- **FOV 13 X 16 cm:** Single volume maxillofacial image obtained automatically: a complete view of the maxillary sinuses and of the entire dental arches. Also ideal for upper airway examinations.
 - **FOV 4 X 4 cm:** Ultra-high resolution (68µm) for uncompromising endodontic examination with exposure limited to the region of interest. Also the ideal FOV for an ultra-rapid (3.4 sec) and low dose follow up examination.

3D Professional configuration

Sharp, detailed 3D images of the entire dental-maxillofacial area with a 16 x 18 cm volume at the highest resolution available on the market. Also useful for otorhinolaryngology investigations. Pathologies of the cervical spine can be studied using dedicated trajectories. Examination of both temporomandibular joints in a single scan allows identification of any dysfunction based on the joint space image. Pre-set radiation levels and exclusive SafeBeam™ technology, available with all the configurations, lets users select the best exposure and obtain the optimal dose. It ideal for:

- General dentistry;
 - Implantology;
 - Endodontics;
 - Gnathology;
 - Orthodontics;
 - Otorhinolaryngology;
 - Maxillofacial; and
 - Head & Neck.
- 3D Professional configuration offers:
- **FOV 16 X 18 cm:** Single-scan view of upper airways from the nose to the trachea, both temporomandibular joints, maxillary and nasal sinuses.
 - **FOV 15 X 6 cm:** Detailed high resolution diagnosis of both temporomandibular joints or of the ear in a single scan.

NEW!
GIANO HR



THE COMPLETE
HYBRID CBCT FOR
2D/3D IMAGING. HIGH
RESOLUTION IMAGES
THAT CAPTURE THE
SMALLEST DETAIL.

Cone Beam 3D Imaging
NewTom
what's next

NEW GiANO HR ensures superb performance in every situation with its relocatable sensor, the new-concept teleradiographic system and three easy-to-upgrade 3D configurations for every need.

The powerful NNT software provides specific instruments and interfaces for different diagnostic applications: data acquired during scanning can be processed in just a few simple steps to produce 3D images with the highest resolution on the market.

Low-dose protocols, SafeBeam™ technology and servo-assisted alignment always ensure low radiation doses for patient protection. The new 10" touch screen makes workflow even more versatile and user-friendly.

NewTom GiANO HR is exclusively available from Inline Medical and Dental. Call 1300-033-723 or visit www.inline.com.au