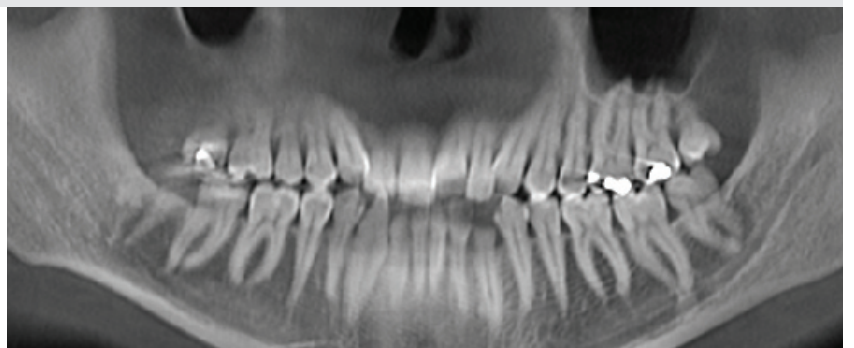


NewTomVG

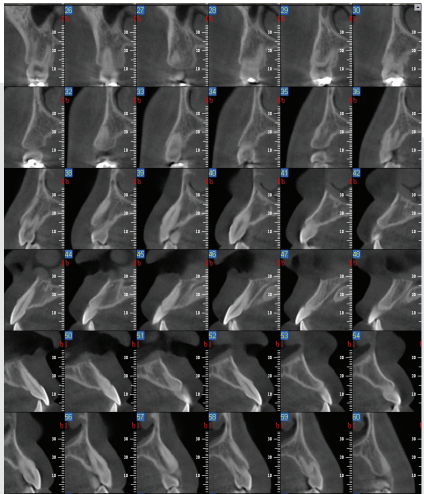
Cone Beam CT
3D Dental Imaging System



NewTom VG Cone Beam Technology: Safety, Quality, Flexibility

The NewTom VG represents the newest in CBCT technology from the company that invented cone beam scanning

The NewTom VG's flat panel X-ray detector technology, coupled with its very small focal spot, provides the clearest, sharpest images possible



The NewTom VG features economical data storage, a single computer terminal

NEWTOM VG

Digital radiographic imaging has become one of the most important components in today's dental practices, and the most important new imaging technology to emerge in the dental industry during the past decade is cone beam computed tomography, or CBCT. CBCT imaging for the maxillo-facial region enables implant specialists, maxillo-facial surgeons, and orthodontists to use three-dimensional imaging as a critical diagnostic and treatment planning tool.

Now AFP Imaging's Quantitative Radiology (QR), the company that developed and pioneered CBCT 3D maxillo-facial imaging, announces another breakthrough in its NewTom family of imaging systems, the NewTom VG. The NewTom VG represents the safest, highest quality, most practical dental cephalometric imaging available today.

Advanced Imaging Technology

NewTom VG CBCT technology works by capturing in a single 24-second scan a series of 360 images and storing them as information in a digital database on a computer hard drive. NewTom's powerful proprietary software then reconstructs 3D images, including primary reconstruction images in multiple planes, from the captured data, providing the highest quality images possible for use in diagnosis and treatment planning.

The 9" field of view, coupled with the very small focal spot of the NewTom VG means that the highest quality images can be acquired and reconstructed with great accuracy. The volume of image data captured is also kept to a minimum. This translates into very short image reconstruction times, generally averaging about three minutes, and economical disk drive usage, since after the scan and reconstruction are complete, the raw data is no longer necessary and is automatically deleted from the hard drive, saving valuable disk space.

The NewTom VG utilizes a flat panel x-ray detector, meaning extremely crisp and sharp images. And while bone and tooth structure remain the most important components for diagnosis and treatment planning, the NewTom VG also provides excellent soft tissue imaging.



Safe Beam technology reduces radiation, provides optimum patient safety

NEWTOM SAFE BEAM TECHNOLOGY

Ensuring Patient Safety

The NewTom VG employs Safe Beam technology, which means that it automatically adjusts the radiation dosage according to the patient's age and size. This technology utilizes intermittent bursts of radiation only milliseconds in duration during image acquisition, and not the constant radiation stream typical of many other CBCT imaging products, patients' exposure to radiation is in most cases significantly less than that of competing systems. Children, for example, receive up to 40% less radiation than adults during a typical scan. NewTom's Safe Beam image acquisition is the proven safe technology available today, for both patients and the dental team.

Smaller Footprint, Easier Patient Access

Because the NewTom VG is an upright scanning system with no fixed seating, it provides unparalleled patient accessibility. Even those confined to wheelchairs can be positioned very easily for scanning. And the system's seating flexibility means that adults and children can be readily accommodated. In addition, since it looks very much like a panoramic unit, the NewTom VG provides an important level of comfort and familiarity for patients.

A Practical, Space-Saving Option From the Premier CBCT Company

The NewTom VG has a footprint of about 3.7' by 5' (113 cmX152 cm), making it a practical option even for practices where office space is at a premium. The complete NewTom VG system includes scanner, cabinet with electronic circuitry (conveniently locatable up to 10 ft from the scanner), computer workstation, and all required software. A complete training program is also included with purchase or lease. The NewTom VG's image quality, patient safety features, and flexibility make it the best value CBCT system on the market today.

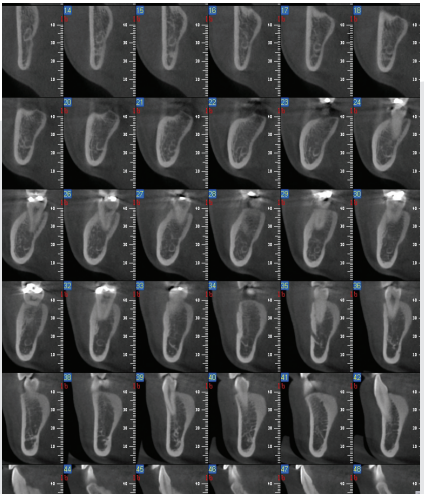
The NewTom VG is manufactured by QR, the company that invented dento-maxillo-facial CBCT technology. QR, a wholly owned subsidiary of AFP Imaging, remains the undisputed industry leader in dental cephalometric 3D imaging technology. QR has consistently provided the highest quality imaging systems to the dental community through its commitment to providing the most advanced technological updates to its products and its continuing development of new products which advance the technology it invented.



Small footprint, flexible seating make the NewTom VG the practical choice for offices where space is at a premium

Faster image reconstruction for the NewTom VG time means less wasted time for patients and staff

The NewTom VG utilizes a single 9" Field Of View, which is the most utilized by implantologists and maxillo-facial surgeons



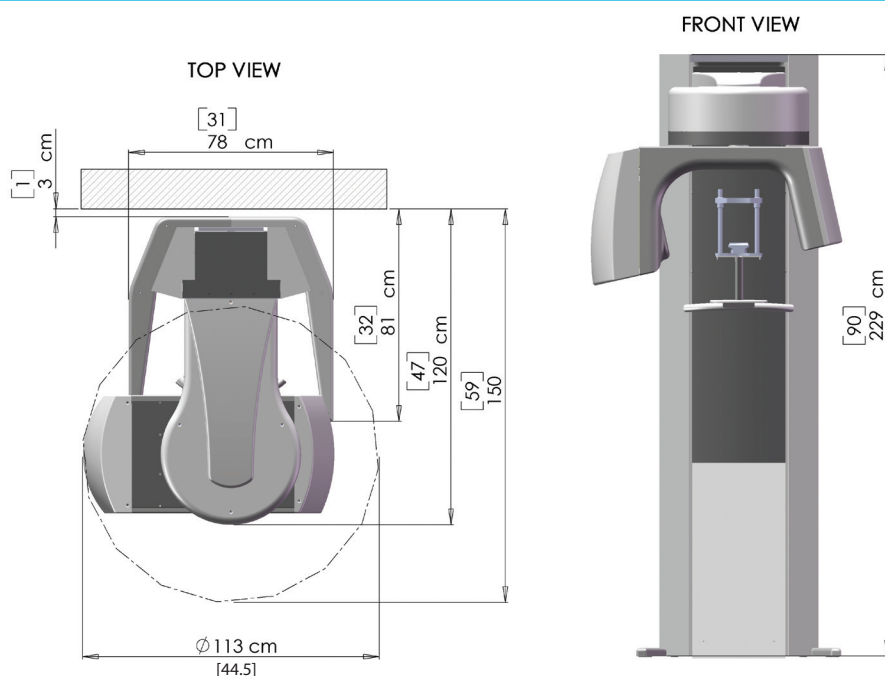
A Practical, Space-Saving Option From the Premier CBCT Company

NEWTOM VG SPECIFICATIONS

X-RAY SOURCE	HIGH FREQUENCY, CONSTANT POTENTIAL (DC), ROTATING ANODE: 110 kV; 1-20 mA (PULSED MODE)
FOCAL SPOT	0.3 MINIMUM (IEC 336)
X-RAY CONE BEAM	PROPRIETARY SAFE BEAM CONTROL REDUCES RADIATION BASED ON PATIENT SIZE.
DOSE	APPROXIMATELY 50 μ Sv
IMAGE ACQUISITION	360 IMAGES - 360 DEGREE ROTATION
IMAGE DETECTOR	AMORPHOUS SILICON FLAT PANEL, 20X25 cm
SIGNAL GREY SCALE	14 BIT
VOXEL	0.3 mm cubic isometric, default and typical
SCAN TIME	24s
PATIENT POSITION	STANDING OR SEATED (WHEELCHAIR ACCESSIBLE)
SCAN DIMENSIONS	16 cm (DIAMETER) X 14 cm (HEIGHT) TOTAL
RECONSTRUCTION TIME	3 MINUTES, TYPICAL
WEIGHT	SCANNER UNIT: 599 lb (272 kg), CONTROL BOX: 220 lb (100 kg)
POWER REQUIRED	10A @ 100/115V~, 5A @ 200/215/230/240V~, 50/60Hz

The manufacturer reserves the right to change specifications at any time, in order to improve product performances.

NEWTOM VG DIMENSIONS/FOOTPRINT



SM-D 129-01

Available through:
Imaging Systems, Inc
111 Petrol Point, Suites 100-103
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www.goodxrays.com / 800.628.1302