NEW MEDICAL
TECHNOLOGIES

QUALITY PRODUCTS SERVICE

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S280TRC

EVERYTHING UNDER CONTROL
Everything is managed from the new 7" multi-touch control panel.

ADAPTABLE TO SPECIFIC NEEDS
Innovative functions and integrated systems allow tailormade configurations.

INTEGRATED MULTIMEDIA
Hi-definition X-ray diagnostics and visual communication systems complete the range of choices.

S380TRC

EXCLUSIVE INNOVATION
A combination of precision and technological innovation, the S380TRC offers a patient chair in a class of its own.

PERFECT BALANCE
A compact design, lighter key elements and exclusive ergonomic concepts, all in perfect balance.

PERFECTION IN CONSTANT EVOLUTION
The new console, with a 7" multi-touch display and a powerful microprocessor, for maximum control of the dynamic instruments and integrated systems, is the beating heart of the S380TRC.

S320TR

THE EDGE OF INNOVATION
The new S320TR control panel incorporates a powerful multitouch 7" display that maximises control of dynamic instruments and integrated systems.

INSPIRING ERGONOMICS
The patient chair - with its contemporary lines, independent or synchronised movements and sliding function - ensures maximum comfort.

MAXIMUM POTENTIAL
Maximum clinical performance for those who practise, in addition to conservative dentistry, implantology and endodontics.

S220TR

### MADE-TO-MEASURE ERGONOMICS
Integrated treatment center with floor-mounted unit body, . Designed for dentists who want a flexible, reliable, dental unit equipped with systems, functions and high-end accessories to meet their every need, the S220TR provides outstanding versatility

PERFORMANCE CONTROL
Instrument control panel with LCD touch screen for user friendly control of instruments and dental unit functions. The sheer abundance of data/functions lets users perform advanced endodontic dentistry.

THE POWER OF INTEGRATION
The S220TR has a broad array of exclusive accessories to maximize comfort for both patient and dentist, an integrated system consisting of cutting-edge X-ray diagnosis devices.
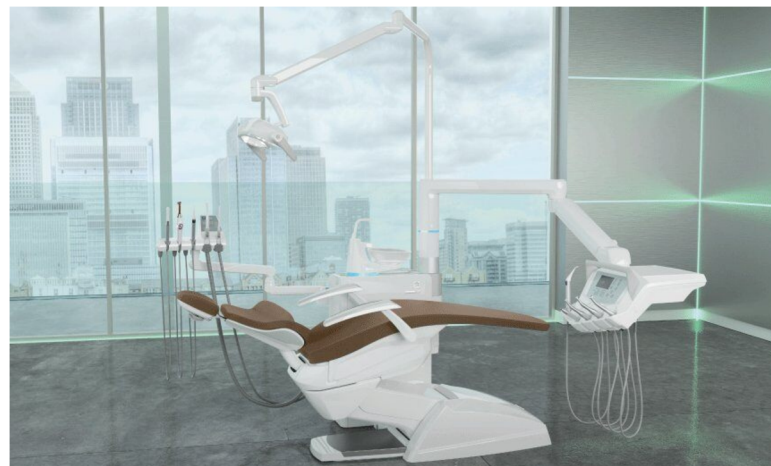
S300

INNOVATIVE CONTROL
Control is crucial for dentistry practitioners. That's why the S300 incorporates the latest dental technology.

ERGONOMICS AND COMFORT
In addition to the modern compactness of both the dental unit and the contemporarily styled patient chair, the S300 has been designed to offer the dental team exclusive ergonomics, such as the sliding function, and an unprecedented level of patient comfort.

MULTIMEDIA SYSTEM AND CLINICAL SAFETY
The S300 can be completed with a broad selection of systems integrated into the dental unit.

S200

ALL-ROUND COMFORT
The S200 model has been designed to maximise patient comfort.

YOUR PROFESSIONAL DEVELOPMENT PARTNER
The S200 can incorporate a full range of optional easy-to-use functions and specialist instruments.

CHOICES THAT MAKE THE DIFFERENCE
Thanks to the broad selection of hygiene systems, instruments and optional multimedia applications, dentists can customise the S200 to suit their individual needs and enjoy the full potential of numerous cutting-edge devices.

Continental Ergonomics

Everything on the Continental model has been designed to provide the dentist with an extremely flexible system. From the compactness and lightness of the dentist's module to the swing joints that allow instrument levers to move laterally without causing wrist fatigue, every single ergonomic aspect is designed to optimise mobility.

International Ergonomics

Thanks to the broader arm system on the hanging-tube instruments model, the dentist's module can reach all the usual working positions around the patient.The fixed arm can pass over the patient whatever the situation. A broad handle running the full width of the module makes module movement even easier.

STANDARD			MEMORY FOAM		
198 / 102	196 / 106	183 / 113	186 / 136	192 / 132	184 / 134
194 / 135	195 / 115	182 / 103	193 / 123	197 / 101	187 / 137
199 / 121	180 / 130	172 / 142	171 / 141	173 / 143	170 / 140
174 / 144					

STANDARD
102 Atlantic Blue
106 Mediterranean Blue
113 Pacific Blue
136 Indian Blue
132 Blueberry Violet
134 Japanese Wisteria
135 Venetian Red

115 Scottish Salmon
103 Nevada Yellow
123 Polynesian Green
101 Caribbean Green
137 Bright Silver
121 Anthracite Grey
130 Graphite Black

142 Anatolian Hazelnut
141 Papyrus Beige
143 Arabian Gold
140 Brazilian Brown
144 Ruby Red

MEMORY FOAM
198 Atlantic Blue
196 Mediterranean Blue
183 Pacific Blue
186 Indian Blue
192 Blueberry Violet
184 Japanese Wisteria
194 Venetian Red

195 Scottish Salmon
182 Nevada Yellow
193 Polynesian Green
197 Caribbean Green
187 Bright Silver
199 Anthracite Grey
180 Graphite Black

172 Anatolian Hazelnut
171 Papyrus Beige
173 Arabian Gold
170 Brazilian Brown
174 Ruby Red

Optional Accessories

i-XS4 FLUO micromotor

Even lighter and quieter, this micromotor is now available with FIT technology to detect composite materials. Allows faster, more precise removal of old composite in teeth that need to be retreated. With orthodontic or aesthetic treatments, bracket removal is simple, safe and effective.

Nordic backrest

This option ensures lasting comfort during protracted treatment sessions and is shaped to aid dentists who work in 'indirect vision' mode.

The new 7" control panel with multitouch display

The interface provides users with a clear, comprehensive array of information and plenty of scope for customization. New graphics improve the user experience and streamline interaction thanks to simple smartphone-like controls Designed for clinical environments, it is resistant to impact and water and can be positioned to suit your needs.

Integrated X-ray Imaging

Incorporated on the dental unit, the X-ray unit and handheld control unit require no additional installation points. Thanks to a combination of 30 cm collimation and a 0.4 mm focal spot, parallelism is excellent and images are pin sharp. Locked and unlocked by touch-sensitive pads, the tube head rotates freely around the spherical joint.

SW-17 SW-22 SW-28 Plus
AUTOCLAVES

LCD Display
User-friendly display The 3.2'' touchscreen ensures effective, intuitive control, letting users run the entire sterilisation process with the utmost simplicity. Clear and simple graphics make it easy to use the various functions, smoothing every single step.

3 volumes, one size
The SW range is available in the 17, 22, and 28-litre versions. Three different capacities to allow users to choose the most suitable machine according to their needs. The 17 and 22 litre models have five trays while the 28-litre model has six.

Water management
The doors on the upper part of the steriliser allow the operator to reach the tanks to fill them with demineralised water and clean them. The in-tank sensor checks water quality and ensures long-lasting machine performance.

TETHYS H10 PLUS
WASHER AND DISINFECTOR

Tethys H10 Plus is the new thermal disinfector that makes the instrument reconditioning process simple and practical. This innovative device carries out many of the numerous manual tasks typically encountered prior to sterilization, thus reducing personnel workloads and risk. With the Tethys H10 Plus decontamination, washing, thermal disinfection and drying are compacted into one fast automated process.
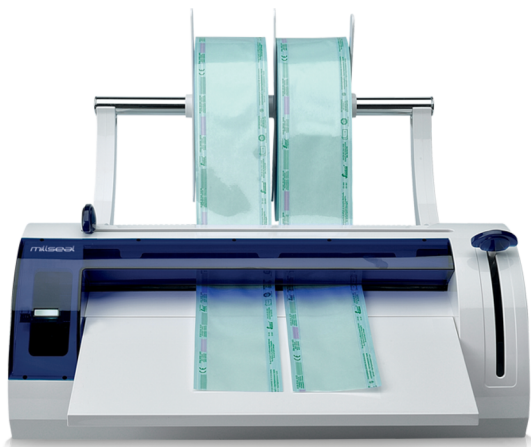
MILLSEAL+ MANUAL

Bag length is selected manually, as is the bag cut. To close the bag containing the material ready for sterilisation just press on the sealing lever until the "sealing complete" beep sounds. A positioning systems holds the paper in place to prevent rewinding of the roll after cutting and sealing.

NEWTOM
CONE BEAM 3D IMAGING
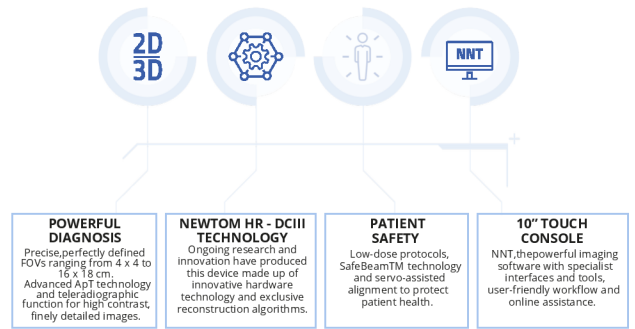
NEWTOM

PERFECT VISION

NEWTOM innovation and research for extremely detailed ultra-high quality images.

NEWTOM GiANO HR

Innovative technology and outstanding efficiency packed into a powerful, versatile device. GiANO HR ensures superb performance in every situation thanks to the dedicated 2D sensor, available today also as a direct conversion, relocatable sensor, the new-concept teleradiographic system and three easy-to-upgrade 3D configurations that meet 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 a resolution among the highest available on the market.
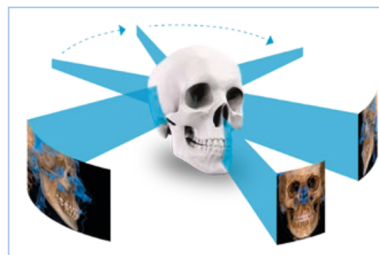Low-dose protocols, SafeBeamTM technology and servo-assisted alignment always ensure low radiation doses for patient protection. A choice of three different emission levels lets users adjust patient exposure by taking into account the actual diagnostic needs, while the new 10" touch screen control panel makes workflow even more versatile and user-friendly.

POWERFUL DIAGNOSIS	NEWTOM HR - DCIII TECHNOLOGY	PATIENT SAFETY	10" TOUCH CONSOLE
Precise,perfectly defined FOVs ranging from 4 x 4 to 16 x 18 cm. Advanced ApT technology and teleradiographic function for high contrast, finely detailed images.	Ongoing research and innovation have produced this device made up of innovative hardware technology and exclusive reconstruction algorithms.	Low-dose protocols, SafeBeamTM technology and servo-assisted alignment to protect patient health.	NNT,thepowerful imaging software with specialist interfaces and tools, user-friendly workflow and online assistance.

BEYOND VISION

3D RECONSTRUCTION ALGORITHM

Patented algorithms for3D reconstruction are the technological heart of NEWTOM research. CBCT technology designed to process 2D images acquired and to generate a volume with isotropic voxel ensures clear and detailed examinations, the ideal choice for dental, maxillofacial and ENT applications.

360° SCANNING TECHNOLOGY

360°scansand optimisedalgorithms always ensure optimal outcome. This image acquisition technique yields high quality images and considerably reduces artifacts, with short scan times.

1. **3D PRIME** - 10 X 8
Highlysuitedto alldental diagnosis and implant-related needs.

2. **3D ADVANCED** - 13 X 16
Broadervision:from maximum endodontic resolution to complete otorhinolaryngology examinations.

3. **3D PROFESSIONAL** - 16 X 18
FullHead&Neck diagnosticperformance to investigate the entire dental-maxillofacial district and cervical spine.

EASY COMMUNICATION WITH PATIENT

Software sharing options, preview on the control panel and application for tablets are the ideal tools to communicate with the patient and establish relations based on trust.

NEW MEDICAL TECHNOLOGIES

NEWTOM
CONE BEAM 3D IMAGING

NEWTOM

FOR A FUTURE-READY PR ACTICE

The most complete direct-conversion hybrid CBCT, now featuring a new design: NEWTOM GiANO HR, redefined to harmonise with the entire NEWTOM imaging range, now offers even higher performance, delivering high-definition 2D and 3D images that capture even the finest detail.

NEWTOM GiANO HR Full View

Innovative technology and outstanding efficiency, packed into a powerful, versatile device. NEWTOM GiANO HR guarantees exceptional performance in every situation. With low-dose protocols, SafeBeamTM technology and servo-assisted alignment, NEWTOM GiANO HR safeguards patient health with the utmost efficiency.
The 10" Full Touch control panel lets you use the Neowise software and set all the positioning and scan phases in a simple, user-friendly way directly on the device, just a few steps away from the patient.

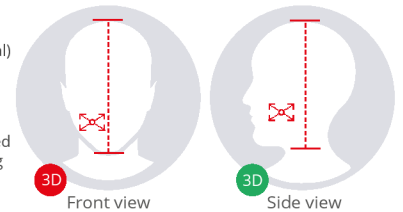| MULTI-DIAGNOSTICS	ADVANCED SOFTWARE	3DPIC	3D PANEL
Five FOV configurations for different diagnostic needs. ApT technology and teleradiographic function for high-contrast, finely detailed images.	Neowiseis a technologically advanced platform for managing, processing, consulting and sharing all required diagnostic images.	Three-dimensional facial models can be superimposed on X-ray scans to provide a comprehensive overview and allow accurate treatment predictions.	Ultra-high levels of detail for guided surgery, prosthetic design, endodontic studies and implantology.

BEYOND VISION

OPTIMISED 3D SCANNING PROTOCOLS

Each FOV can be adapted to meet any clinical need thanks to a choice of three protocols: ultra-low dose for surgical follow-ups, standard for treatment planning, very high levels of detail for micro-structure analysis.

ECO QUALITY   REGULAR QUALITY   BEST QUALITY

SCOUT VIEW SYSTEM

Allows two images (lateral and frontal) of the patient to be obtained with minimal exposure. Practitioners can then modify the 3D scanning area through precision servo-assisted movements of the machine controlled from their workstation, thus avoiding the risk of having to repeat the scan.

3D Front view   3D Side view

HIGH-RESOLUTION 3D PANEL

The latest NEWTOM 3D panel adopts a technology that seamlessly integrates with NEWTOM GiANO HR pre- and post-processing protocols, allowing users to capture even the smallest details, such as variations of dental roots, canal fractures, or bone anomalies. The thus-obtained 3D acquisitions ensure more precise diagnoses, optimal treatment planning and monitoring of clinical conditions, always with the utmost attention to patient health and well-being.

360° SCANNING TECHNOLOGY

360° scans and optimised algorithms always ensure the best outcome.
This image acquisition technique yields high quality images and considerably reduces artifacts, with short scan times.

360°

SafeBeamTM TECHNOLOGY

Lets users adaptthe emitted radiation dose to the patient's anatomy, so that the X-ray dose is adjusted to the actual physical characteristics and build of the person being examined, avoiding unnecessary exposure levels and obtaining consistently clear images, without any need to manually enter exposure parameters.

SafeBeam

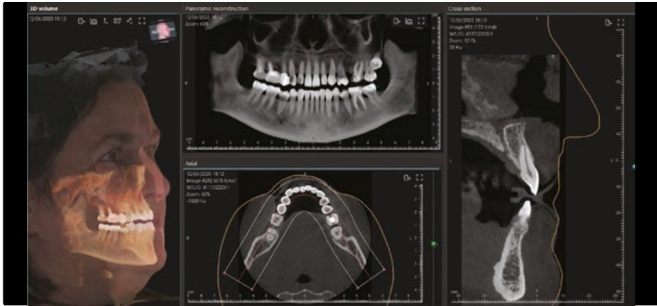### AMAR (AUTOADAPTIVE METAL ARTIFACT REDUCTION) FILTERS

These can recognise metal elements and, via special software, generate an additional set of images in which artifacts are minimised. Highly useful for planning specialist treatments that require segmentation of anatomical structures.

NEW MEDICAL TECHNOLOGIES
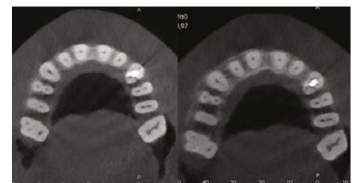
NEWTOM
CONE BEAM 3D IMAGING

ESSENTIAL CONFIGURATION NEWTOM GiANO HR comes, as standard, with a range of FOVs wide cover multiple treatment areas: endodontics, implantology, orthodontics and general dentistry.

• FOV: 6x6; 8x6; 8x8; 10x6; 10x10; 11x8; 13x6; 13x10

SUPERIOR CONFIGURATION Together with the Essential configuration, the Superior FOV range extends the scope for treatment to the gnathology, otolaryngology and the maxillofacial field, including scans of both adult temporomandibular joints. • FOV: 13x16; 15x6; 15x10; 15x16
FOV: 17x10; 17x14; 17x18

TMJ PACK For detailed, high-resolution diagnosis of both temporomandibular joints or bilateral examination of the ears and petrous bones. Optional pack that can be paired with the Essential configuration.
• FOV: 15x6; 15x10
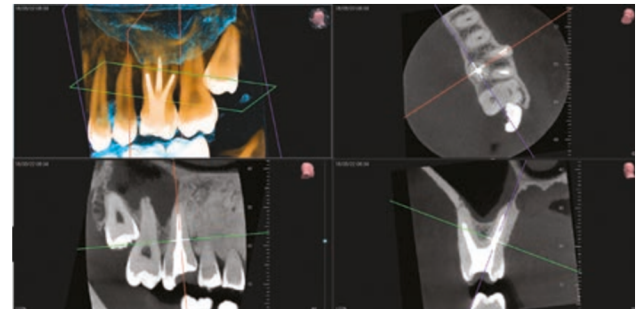
ENDO PACK For endodontic and implantology analysis at maximum resolution, reaching 50 μm (Voxel). Limits the area exposed to X-rays and so minimises the emitted dose, most importantly with paediatric patients. Optional pack that can be paired with the Essential and Superior configurations.
• FOV: 4x4; 5x4

DOSESAVER TECHNOLOGY
Optimises patient doses for panoramic scans via two pre-settable modes, "80" and "100", automatically adapting exposure thanks to the SafeBeamTM feature.

ECO DOSE PROTOCOLS
Available for both 2D and3D scanning, these protocols provide accurate images but with lower doses than in standard scans. They are the ideal tool for post-operative monitoring and identification of any macro-structures (such as impacted teeth and agenesis) and, more generally, for all situations where the X-ray dose must be kept to a minimum.

QUICK SCAN

NEW MEDICAL TECHNOLOGIES

NEWTOM
CONE BEAM 3D IMAGING
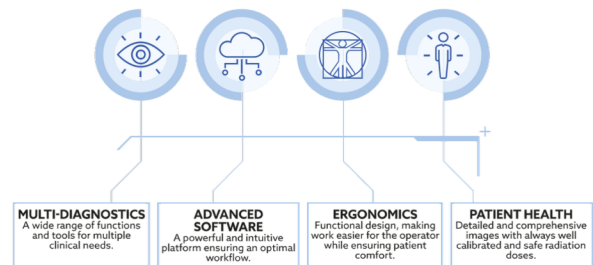
NEWTOM

CONE BEAM 2D/3D IMAGING

FROM NEWTOM'S ONGOING RESEARCH, THE BEST IMAGING PERFORMANCE

NEWTOM VG-One is the latest outcome of the endless evolution of NEWTOM technology in 2D and 3D imaging. Top quality for a wide variety of diagnostic needs.

NEWTOM VG-One

- The clinical performance of NEWTOM VG-One, combining extreme compactness and versatility, makes it a technologically complete and cutting-edge dental radiology device.

- Reliability, safety and patient health are guaranteed thanks to systems that adjust the emitted dose according to the anatomical area scanned - which results in consistently clear and sharp images.

- The new Neowise software is a technologically advanced platform for managing, processing, checking and sharing all diagnostic images as required.

MULTI-DIAGNOSTICS
A wide range of functions and tools for multiple clinical needs.

ADVANCED SOFTWARE
A powerful and intuitive platform ensuring an optimal workflow.

ERGONOMICS
Functional design, making work easier for the operator while ensuring patient comfort.

PATIENT HEALTH
Detailed and comprehensive images with always well calibrated and safe radiation doses.

BEYOND VISION

3D PANEL FOR PANORAMIC EXAMINATIONS
In the available NEWTOM VG-One models, the 3D panel can be used to its maximum degree of versatility to also perform 2D panoramic examinations.

CUTTING-EDGE 3D

Bring all the benefits of 3D imaging to your dental practice, for guaranteed results with maximised patient protection.

A wide choice of FOVs ensures three-dimensional X-ray imaging of different anatomical areas, including very large ones, by only irradiating the parts of clinical interest. Different protocols are used to adapt the radiation dose to the type of examination and the patient's characteristics. Several filters and automatic functions are available to help optimise the image quality, improving sharpness and removing artifacts or flaws.

DIAGNOSTIC REQUIREMENT	AVAILABLE FOVS
Sectoral scanning of complete or partial dentition, individual lower and/or upper arch scanning, maxillary sinus floor included or part of the TMJ	6x6, 8x6, 8x8, 10x10, 11x6, 11x8, 11x11, 15x11
Imaging of the maxillary sinus region, including nose and a portion of the zygomatic district or maxillary sinus district	**8x8, 10x10, 11x8, 11x11**
Imaging of both condyles, of a single condyle with the fossa and of the temporomandibular joint including the sinus	10x10, 11x6, 11x11 13x6*, 13x10*, 15x6*, 15x11*
Capturing of dentition models, aligners or surgical guides	8x8, 10x10, 11x6, 11x8, 11x11

(*) Specific examinations of the temporomandibular joint (may not include the entire dentition).
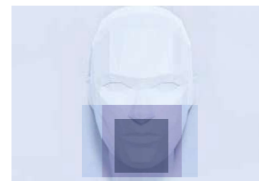
AFOV FEATURES
The field of view adapts to the patient's morphology and the working diagnosis; sectoral scanning is performed by confining irradiation to the area of interest only.

FOV 6X6   FOV 11X11   FOV 15X11 DENT

NEW MEDICAL TECHNOLOGIES

VERSATILE AND PRECISE

High quality images that meet a wide range of clinical diagnostic needs, all in one compact device.

NEWTOM GO

GO 2D/3D/CEPH is a flexible platform that comes ready for the optional integration of the teleradiographic arm in a 2D or 3D configuration. Able to provide high resolution images, the platform prioritises patient health thanks to low exposure protocols and exclusive SafeBeam™ technology, which lets users adapt the dose to their actual diagnostic needs and the size of the scanned anatomical area.
Excellent ergonomics and an adaptive alignment system ensure correct positioning of the patient and perfect focusing for clear, detailed images. A virtual control panel guides the operator through each stage of the examination. NNT is the technologically advanced software platform to manage, process, consult and share diagnostic images.

BROAD DIAGNOSTIC POTENTIAL	ACCESSIBLE TECHNOLOGY	MINIMUM X-RAY DOSE	MAXIMUM CONNECTIVITY
Acombination of device versatility and NEWTOM solutions designed to meet every diagnostic need broaden the opportunities available to the surgery.	Guidedprocedures and smart automatic features have made this sophisticated technology available to everyone.	ECO Dose functions and SafeBeam™ technology, which automatically adapts the X-ray dose to the patient, put patient safety above all else.	Acquired X-ray imagescan easily be stored, exported and shared with specialist third party software.

BEYOND VISION

NEWTOM GO generates outstanding volumetric images and for each FOV, ranging from 6 x 6 to 10 x 10 cm, 3 protocols are available to better adjust the X-ray dose to diagnostic needs.
User-friendly procedures help the dentist select the most appropriate examination and protocol, depending on the anatomical region of interest and according to clinical specialties - ranging from implantology to the measurement of maxillary sinus volumes, from endodontics to oral surgery.

ECO QUALITY   **REGULAR QUALITY**   **BEST QUALITY**

OPTIMISED DOSE
A choice of 3 protocols allows the required X-ray dose to be adapted to specific needs: from very low for quick scans required by surgical follow-up checks, through regular for treatment planning, to a very high level of detail for the analysis of micro-structures.

COMPLETE ADULT DENTITION

10x10
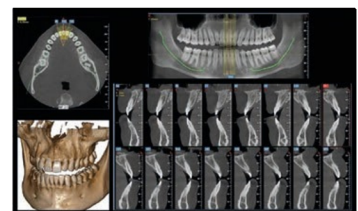
The complete 10 x 10 cm FOV* is ideal to view inferior and superior third molar ratios with the complete dentition, including the maxillary sinus floor. Clear images even when there is metal or amalgam.

RX DC INTRAORAL
X-RAY UNIT

Outstanding qualityandinnovation,
exceptional features.

NEWTOM RX DC   WIRED

○ RX DC efficiency stems from a combination of advanced technology and an outstanding capacity to produce high definition images. The RX DC X-ray unit provides top-flight performance, practicality and technology.

○ The RX DC features a constant potential high frequency (DC) generator and a very small focal spot (0.4 mm) capable of providing sharp, detailed images while ensuring working comfort and low doses for the patient.

○ Higher performance with RX DC, the X-ray unit that combines high definition imaging, ergonomic design and low X-ray doses.

SUPERIOR DIAGNOSTIC QUALITY	ADVANCED TECHNOLOGY	MINIMAL RADIATION DOSE	VERSATILE AND EASY TO INSTALL
Obtained in just afew simple steps, all images are high resolution.	TheNEWTOM RXDC high-frequency X-ray unit is based on NEWTOM's know-how with a 30 cm source distance and 0.4 mm focal spot.	Thanksto rectangular collimation and the ECO Mode parameters, the patient exposure to X-rays is minimal.	Easy,fast installationwith multiple positioning options. NEWTOM RX DC is available in both a wall-mounted and ceiling-mounted version.

BEYOND VISION

X-VS E
INTRAORAL SENSOR

Sharper images with the same dose,
greater patient comfort.

NEWTOM X-VS E

○ NEWTOM goes from strength to strength with the new X-VS E intraoral sensor. Two different sizes ensure the best diagnostic results for both adults and children.

○ Thinner than previous sensors. X-ray dose remaining equal, greater sensitivity delivers more clearly defined images, illustrating details as small as coronal micro-fractures.

○ More comfortable for the patient and more liquid-resistant, the X-VS E sensor provides dentists with a valuable high-quality diagnostics tool.

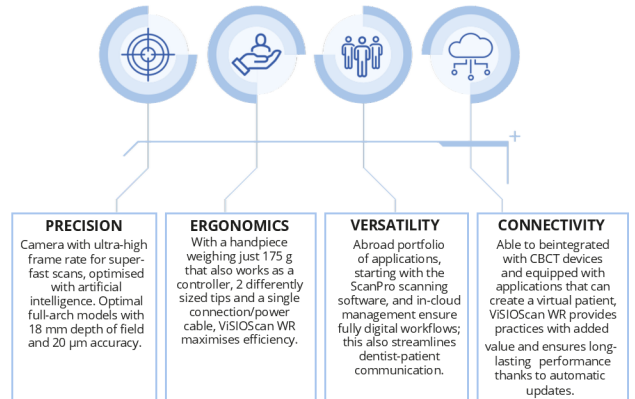| MORE SENSITIVE	MORE PRACTICAL	THINNER	MORE IMPERMEABLE
Greater sensitivity combines sharper images and reliable diagnosis with low doses.	Alonger cable makes daily tasks more flexible.	Just 4.5mm thick, this sensor has clear benefits for both patients and workflows.	The IP 68 rating ensures ultra-high resistance to penetration by liquids or dust, whatever the BEYOND VISION

NEW MEDICAL
TECHNOLOGIES

ALTOGETHER UNIQUE

3D scanner that integrates seamlessly with dental practice technology.

NEWTOM ViSIOScan WR

With its ViSIOScan WR intraoral scanner, NEWTOM provides dental practices with a state-of-the-art tool.
Designed to improve operational efficiency and the patient experience via a workflow that reduces patient chair time and delivers all the benefits of digital.
From AI-controlled acquisition automation to ultra-light design, from the cloud to treatment planning tools, ViSIOScan WR is perfect for multiple fields of application and a broad range of clinical situations.

PRECISION
Camera with ultra-high frame rate for super-fast scans, optimised with artificial intelligence. Optimal full-arch models with 18 mm depth of field and 20 µm accuracy.

ERGONOMICS
With a handpiece weighing just 175 g that also works as a controller, 2 differently sized tips and a single connection/power cable, ViSIOScan WR maximises efficiency.

VERSATILITY
Abroad portfolio of applications, starting with the ScanPro scanning software, and in-cloud management ensure fully digital workflows; this also streamlines dentist-patient communication.

CONNECTIVITY
Able to beintegrated with CBCT devices and equipped with applications that can create a virtual patient, ViSIOScan WR provides practices with added value and ensures long-lasting performance thanks to automatic updates.
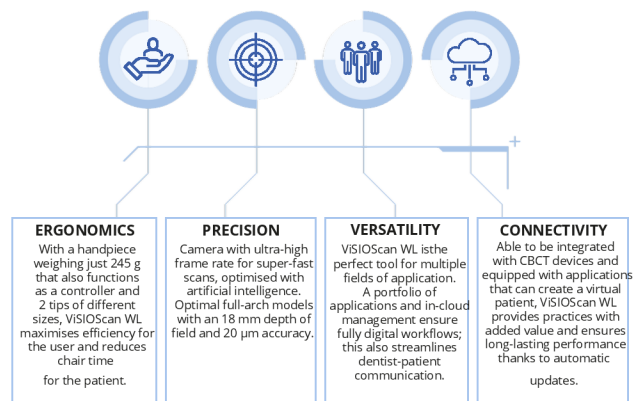
BEYOND VISION

PERFECTLY SHARP DETAIL

Wireless 3D scanner that integrates seamlessly with dental practice technology.

NEWTOM ViSIOScan WL

Always a leading technological innovator, NEWTOM now offers dental practices the ViSIOScan WL wireless intraoral scanner for ultra-precise digital impressions.

Featuring an accuracy of 20 µm, an 18 mm depth of field, the use of AI and a set of applications and engineering solutions designed to optimise workflow, the ViSIOScan WL boosts the clinical capabilities and efficiency of the dental practice.

ERGONOMICS
With a handpiece weighing just 245 g that also functions as a controller and 2 tips of different sizes, ViSIOScan WL maximises efficiency for the user and reduces chair time for the patient.

PRECISION
Camera with ultra-high frame rate for super-fast scans, optimised with artificial intelligence. Optimal full-arch models with an 18 mm depth of field and 20 µm accuracy.

VERSATILITY
ViSIOScan WL isthe perfect tool for multiple fields of application. A portfolio of applications and in-cloud management ensure fully digital workflows; this also streamlines dentist-patient communication.

CONNECTIVITY
Able to be integrated with CBCT devices and equipped with applications that can create a virtual patient, ViSIOScan WL provides practices with added value and ensures long-lasting performance thanks to automatic updates.

BEYOND VISION

NEW MEDICAL TECHNOLOGIES

PERFECTLY SHARP DETAIL

ViSIOScan WR provides all the quality one expects from NEWTOM imaging.

As always, NEWTOM guarantees the highest image quality. The acquisition phase features advanced AI-guided automatisms that deliver clear, defect-free images. Furthermore, ViSIOScan WR also boasts an accuracy of 20 μm and a depth of field of 18 mm, one of the highest on the market.

Users have two image display modes at their disposal: one in realistic colours, for effective and engaging communication with the patient, the other with sharp details to investigate even the most complex oral cavity situations.

AI-ASSISTED ACQUISITION

Digital models of the dental arches can be obtained extremely quickly thanks to a camera with an ultra-high frame rate.

Adjustable-intensity AI automatically performs real-time removal of artefacts or duplications, soft tissues such as the tongue or lips, as well as fingers or other objects that might affect data quality, thus ensuring defect-free images.

AI OFF
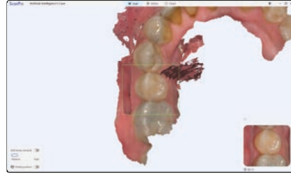
AI ON
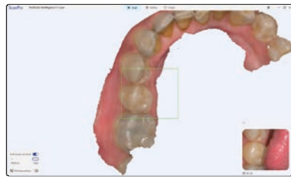
20μm SCAN ACCURACY

Thanks to the advanced sensor and proprietary processing software, ViSIOScan WL provides extremely accurate images of the entire arch.

DEPTH OF FIELD

A depth of 18 mm ensures scans have no blind spots, even in interproximal areas and in subgingival margins.


VIVID FILTER

The vivid filter delivers an image with realistic colours, much more understandable for non-experts than a normal medical scan.
This filter lets you communicate and interact more effectively with the patient.

SHARP FILTER

The sharp filter provides an ultra-clear, highly detailed image and therefore allows for precise analysis, even in particularly complex oral cavity situations.
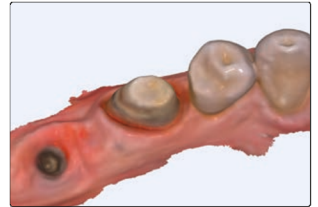
NEWTOM X-PSP

HIGH DEFINITION CONVENIENCE.

Ultra-high image quality - which remains a defining feature of the entire range - is combined with the practicality and convenience of film thanks to the CR system for X-PSP intraoral X-rays developed by NewTom.

VERSATILITY
Four different sizes and adaptive filters for multi-level display ensure versatility and a broad diagnostics scope.

HI-TECH RELIABILITY
Hi.Res technology (17 lp/mm): provides accurate high definition images with outstanding contrast, ensuring reliable diagnosis.

ERGONOMICS
The simplicity of film and a design that optimises ergonomics, combined with the quality and speed of digital.

CONNECTIVITY
The software dialogues with management systems, streamlines data sharing directly in DICOM and optimises Multi-User workflows.

WORKFLOW OPTIMISATION

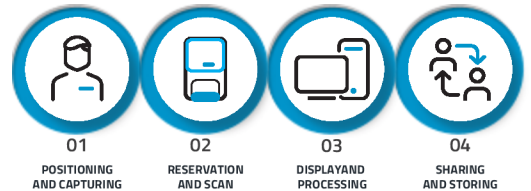| 01	02	03	04
POSITIONING AND CAPTURING	RESERVATION AND SCAN	DISPLAY AND PROCESSING	SHARING AND STORING

PLATE HOLDER ORGANIZER
Solution allowing tidy storage of plates until they are ready to be used.

AUTO-READ TECHNOLOGY
X-PSP auto-read technology ensures fully automatic acceptance and scanning of exposed plates. To maximise efficiency, the system recognises the size, imports the image into the PC and deletes plate data so it is ready for the next acquisition.

FAST IMAGE DISPLAY
The X-PSP ensures ultra-fast display of images that are always sharp. This increases diagnostic efficiency and enhances dentist-patient communication.

SMART ACQUISITION (AUTO-READ TECHNOLOGY)
The plate consists of aphosphor layer and a magnetic layer that speeds up the reading process with an automatic acquisition sequence start. Plate size recognition is also automatic; the plate is extracted from its protective wrapping inside the reader, shielding it from any exposure to light or hand contact. The highly dynamic system and the correction of any over- or under-exposure minimise the risk of having to do a rescan.

NEW MEDICAL TECHNOLOGIES

OFFICIAL PARTNER

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