TECHNOLOGY

SOPRO 617

The SOPRO 617 delivers exceptional image quality through an optical system equipped with an aspheric lens and the latest generation LEDs which utilize condensers to focus the light and produce a very powerful beam. Distortion is eliminated, the image is luminous in any circumstance, and the shading effect is minimized!

INTRAORAL CAMERAS

SOPRO 717 First

A highly sophisticated optical unit and high quality electronics which have been developed around a 1/4” CCD mean that the Sopro 717 can offer you exceptional image quality. Three pre-selections available by clicking: macro (1 to 5 mm), intraoral (5 to 30 mm) and extra-oral (30 mm to infinity). Optimize your images under all circumstances thanks to a lighting system using eight new generation LEDs which supply 50 percent more light than conventional LEDs. Just press lightly on the SoproTouch located on the handpiece to freeze the selected image on your screen.

SOPROLIFE

The auto fluorescence technology in SOPROLIFE allows you to detect occlusal or interproximal decay, even in its earliest stages, which can often be missed by the eyes or by x-rays. SOPROLIFE allows you to differentiate healthy from infected tissue in order to excavate only the tissue which is diseased. Adapting itself to the most complex clinical situations, SOPROLIFE allows the dentist to rapidly adjust their treatment choices. Linked to SOPRO IMAGING software, the dentist now has the ability to have a customized follow-up adapted to the needs of the patient.

SOPROCare

The SoproCARE concept was developed to assist the dental professional during prophylaxis and periodontal treatment in the dental office. The camera utilizes unique fluorescence technology to illuminate dental tissue to reveal caries in CARIO mode, as well as new and old dental plaque in PERIO mode. In addition, SoproCARE is the first product on the market to reveal gingival inflammation. In DAYLIGHT mode, SoproCARE can also be used as a camera, providing all of the necessary tools to perform a complete and time efficient oral examination. The dental professional can now achieve complete prophylactic treatment with one device.
GXC-300™

Gendex continues a long tradition of providing dental professionals with state-of-the-art imaging equipment with the GXC-300™ lightweight intraoral camera. Combining the latest video technologies, the GXC-300™ is an exceptional tool for patient education, higher case acceptance, and improved patient communication.

Polaris™

Polaris™, a new generation of intraoral cameras combines exceptional image quality and ergonomic excellence. The cameras patent-pending 330 degree swivel head enables you to capture all angles with ease and the rounded, ergonomic design make Polaris™ easy to hold and operate. Polaris™ optical glass lens has tremendous depth of field. All objects from six mm to 40 mm are automatically in sharp focus. The sharpness and true-to-life soft tissue color make Polaris™ a valuable diagnostic tool and a fantastic aid to patient presentation.

IRIS 2.0

Bring the power of the new IRIS Intraoral Camera into every operatory. This precision optical instrument features an easy to use five-point Focus Wheel and unique USB connector that fits in a standard delivery unit. The elegantly streamlined profile has a much smaller, specially designed soft-tip with brilliant eight-point LED lighting and Sony’s Hi-Resolution CCD for the finest picture quality. Best in its class.

Claris i4D

- Highest quality optics for crystal clear images
- Eight white LEDs
- Integrates seamlessly with imaging software
- Precision controlled sliding focus
- Secure locking USB connection

INTRAORAL CAMERAS
TECHNOLOGY

SNAPSHOT™

Snapshot™ is a truly portable direct digital intraoral sensor which provides best-in-class clinical results for dental radiography. The Snapshot™ sensors lend themselves to all types of dental practices and intraoral imaging needs. The sensors are particularly easy to move from one workstation to the other. The Snapshot™ sensors feature the latest technology and they are compatible with both AC and DC intraoral X-ray units.

Sensors

GXS™-700

Designed to make migrating from film, or upgrading a digital system, easier than ever. As the eighth generation digital sensor from Gendex, the GXS-700™ system comes from a strong lineage of imaging excellence, raising the performance bar for other digital sensors. From ease-of use and portability, to enhanced acuity and sustainability, these new sensors underscore our desire and commitment to help advance your practice with innovative and affordable solutions.

Sopix2 with Ace Technology

The Sopix2 is a direct USB sensor system which is CMOS based. The units have rounded corners which make the sensor more comfortable for the patient. The patented Ace technology protects each image from overexposure, ensures the first shot is always perfect and all your images are clear. Upon taking an X-Ray, Acteon’s exposure scale will immediately let you know if you are under or overexposing the patient.

ProSensor

Designed for superior quality intraoral imaging, the new ProSensor uses the latest CMOS technology. The sensors are connected to an interface box with a magnetic connector—a new application in the dental market and exclusive to Planmeca. The interface box features colored LED lights which indicate the state of the sensor system guiding and ensuring successful image acquisition.

INSTRUMENTARIA
EzSensor and EzSensor Plus

The patterned internal metal casing and shock absorption design of EzSensor warrant the durability even the harshest operating environment.

The patterned cable connection structure reinforced the stability of the digital image processing while maximizing the flexibility to maintain the cable integrity during frequent and extreme bending.

EzSensor improves the practice management efficiency by shortening the processing time for a diagnostic image without the hassle of film developer and dark room.
GXDP-300™

One look at the new GXDP-300™ and it’s clear that our focus is you. The GXDP-300™ incorporates the features you are looking for: the most commonly-used imaging modes; a simple, three-step process; and a sleek, compact body design that’s built for long life. With the GXDP-300™ panoramic x-ray system, you get exactly what your practice needs for diagnostic efficiency and improved office productivity—great looking images at a competitive price.

GXDP-700™

The GXDP-700™ Series begins with a robust system with sophisticated styling and an ergonomic design. Beneath its beautiful, high-gloss exterior the system sports state-of-the-art electronics, heavy-duty components, and a sturdy, steel telescoping column.

The Power Of Upgradeability

The GXDP-700™ Series is the perfect solution for progressive dentistry—dynamic, modular and expandable. As your practice grows and your procedure offerings expand, you can upgrade on your timeline and within your budget, seamlessly and affordably.
PaX-i 2D
PaX-i provides the most precise and high quality panoramic image by innovative imaging process and accumulated experience in dental imaging from VATECH. It always enables you to perform an accurate diagnosis with great satisfaction from patients in your clinic.

PaX-i3D 8x8
The PaX-i3D offers the most efficient 2-in-1 solution (Ceph optional) for dental specialists by providing high-quality panoramic and 3D images at an affordable price. With the auto-switching system, users can easily change the scan mode between panoramic and CBCT sensors multiplying imaging options.

PaX-i3D Green
PaX-i3D Green provides ultra-low radiation while providing superior image, eco-friendly, and FDA cleared for pediatric use. It is a low dose device providing the high quality images and 5.9 second Rapid Scan time produces superb image quality. PaX-i3D Green provides the optimal information for diagnosis of the dental arch including the TMJ and implant planning. In addition, facial surgery treatment planning is possible with 16x10 FOV model. (8x8, 12x9, 10x8, 15x15, 16x10 available.)
ORTHOPANTOMOGRAPH® OP30

The ORTHOPANTOMOGRAPH® OP30 is a digital panoramic x-ray unit designed for every dental office and small imaging centers demanding a top quality digital panoramic system at a competitive price. Straightforward operation makes panoramic imaging fast and easy. An integrated 5.7 inch touch screen with remarkably user-friendly navigation is extremely simple to use.

ORTHOPANTOMOGRAPH® OP300

The ORTHOPANTOMOGRAPH® OP300 is the most comprehensive 3-in-1 platform designed for today and tomorrow. The OP300 combines an advanced panoramic imaging system with either cephalometric or cone beam 3D or a combination of both, giving you a truly adaptable platform. In addition, all of these options can be upgraded in the field after the initial purchase.

SmartView™

A two dimensional scout image is taken before the 3D examination to adjust the target position visually from GUI screen. This guarantees precise positioning and eliminates risk of retake exposures.

ORTHOPANTOMOGRAPH® Maxio

- The OP300 Maxio is packed with exciting features that enhance both 2D and 3D imaging.
- Low Dose Technology™ delivering clinically-rich scans at a drastically reduced radiation dose
- Flexible, free-to-position 3D fields-of-views: from 5x5 cm up to 13x15 cm
- Easy-to use, yet powerful Invivo 5.3 3D Imaging Software for accurate treatment planning
- Automated Dose Control™ delivering highly consistent and repeatable 2D panoramic images
ProOne

The fully digital Planmeca ProOne X-ray unit provides absolute ease of use with cutting edge technology. The wide selection of exposure programs and parameters on the unit graphical user interface ensures that all types of radiographic examinations are highly rapid and effortless to perform. Being small-sized, Planmeca ProOne brings the benefits of digital imaging within the reach of every dentist the world over.

ProMax S2

The design and operating principles of the PLANMECA ProMax S2 x-rays are based on the latest scientific research, advanced technologies, and insight into the requirements of today’s maxillofacial radiology. ProMax utilizes the new SCARA (Selectively Compliant Articulated Robot Arm) technology which is the ideal solution for rotational maxillofacial x-ray units, and makes available many features never before available.

Includes
Advanced panoramic radiography for specific diagnostics of the tooth arch, jaw, maxillary sinuses and temporomandibular joints.

ProMax S3

- Flexibility to upgrade from your current imaging capabilities to full cephalometric or tomographic uses.
- Cost-efficient imaging that can grow with your practice.
- Side entry that allows easy accommodation for all patients, including those in wheelchairs.
- Supported by Planmeca’s Romexis software for optimal imaging workflow and image usability at chairside.
ProMax 3D Max

With five collimated fields of view, from a single tooth size to a full maxillofacial image in a single acquisition, 3D images are available for any clinical need, no matter the specialty. Optimal volume size can be found for all applications. For instance, high resolution for endodontics, mid-size and highly detailed localized images for periodontics, detailed images with a smaller field of view for implantology, large image sized for orthodontics, and imaging versatility for oral surgeons.

ProMax 3Ds

The unique ProMax 3D and 3Ds product family offers equipment for all maxillofacial imaging. Volume sizes ranging from the smallest special cases to large field of views are available. The intelligent and multi-purpose x-ray units are designed to obtain complete information on patient anatomy in the minutest detail. Over 30+ imaging programs.

ProMax 3D Mid

Planmeca ProMax 3D Mid is a genuine all-in-one CBVT (Cone Beam Volumetric Tomography) unit including 3D imaging, digital panoramic, digital cephalometric and 3D photo, all in the same unit.

Planmeca ProMax 3D Mid complies with a multitude of diagnostic requirements: those of implantology, endodontics, periodontics, orthodontics, as well as dental and maxillofacial surgery, TMJ analysis, and ENT applications.
CRANEX™ Novus e

CRANEX™ Novus e—Next generation digital panoramic unit for dental clinics—An essential part of your daily patient care. SOREDEX brings to the market next generation CRANEX® Novus e designed for dental offices that demand a first-class digital panoramic unit.

New CRANEX® Novus e provides excellent image quality with extended imaging values and enhanced operation with the ClearTouch™ control panel. The well-known SOREDEX 5-point patient stabilization system guarantees accurate and stable patient positioning.

CRANEX™ 3D Panoramic

The CRANEX® 3D continues the SOREDEX history of making imaging systems easy and affordable. You can count on stable and accurate patient positioning, optimized workflow, and outstanding image quality.

EasyScout™ view
- Ensures right positioning of FOV
- Minimal dosage compared to retake (~1% of exam)

AES—Automatic exposure settings
- Automation enables fast imaging
- Patient size specific exposure values
- Panoramic and cephalometric imaging
CRANEX™ D

Cranex™ D is a modern high quality digital panoramic and cephalometric imaging system. Clear, precise and dynamic digital x-ray images, with stable, comfortable patient positioning, make your day-to-day diagnostics easy and accurate. The simple, hands-on design supports fluent workflow for excellent care.

Cranex D is built for contemporary high-pace dental care, where reliability is key. Like a faithful workhorse, it keeps your practice running, uncompromised.

SCANORA™ 3D

The SCANORA™ 3D offers superior versatility by combining cone beam 3D imaging, with three selectable fields of view, and dedicated panoramic imaging. At a press of a button, the unit automatically switches between 3D and panoramic imaging modes, making it quick and efficient to use.
Veraviewepocs® 2D
Veraviewepocs® 2D is completely upgradeable to our Veraviewepocs® 3D model. This unit also features the NEW High Definition (HD) cephalometric update. This new feature produces high definition, cephalometric images with amazing clarity and soft tissue display. It is now easier than ever before to plot key points for cephalometric measurements.

- High quality images using both Digital Direct Automatic Exposure (DDAE) and Automatic Image Enhancer (AIE)
- Easy patient positioning with AF automatic positioning, triple laser beams, and power assisted movement
- Wide dynamic range of hard and soft tissue

Veraviewepocs™ 3D R100
Veraviewepocs™ 3D R100 is the latest addition to J. Morita's 3D product line. This unit’s completely unique 3D Reuleaux Full Arch FOV (field of view) abandons the typical cylinder with a new convex triangle shape. By more closely matching the natural dental arch form. This ground-breaking FOV reduces dosage by excluding areas outside the region of interest and allows a complete scan of the maxilla and/or the mandible.

- 3D, panoramic, and cephalometric capabilities
- New Dose Reduction Feature lowers X-ray exposure 30% to 40%
**TS150™ Milling Unit**

The TS150™ is a fast, efficient and affordable open-source milling unit featuring a powerful air-driven 150,000 RPM spindle. Its orbital precision milling strategy provides excellent marginal integrity. Use the TS150™ to mill materials such as Obsidian™, Lava™ Ultimate and BruxZir® Solid Zirconia.

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**3M™ True Definition Scanner**

The 3M™ True Definition Scanner is consistently more accurate than other leading systems. It delivers full-arch accuracy for restorations that fit. Plus, powerful 3D in-motion video technology provides a true replica of the dental anatomy with extraordinary detail, allowing you to capture and simultaneously view margins. Fit rate of restorations made from a 3M™ True Definition Scanner are 99.84% accurate and have been successfully seated without requiring a remake.

The open architecture provides a wide range of workflow possibilities giving you multiple connections and patient solutions all from one scanner. The 3M™ Connection Center lets you store unlimited files and lets you share them with the partners you choose. The 3M™ True Definition Scanner is a best first step to digital dentistry.

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**Pro 200 Furnace**

The Pro 200 Porcelain Furnace is affordable yet intelligently designed with cutting edge technology. It has advanced cycles for e.max®, In Ceram®, Wol-Ceram®, Captek™, sintered alloys and advanced porcelain products. All Pro Series Porcelain Furnaces come standard with a Vacuum Pump and a three-year warranty or 3,750 muffle hours on unit.
ScanX® Duo

The ScanX® Duo is the smallest ScanX® yet at less than one cubic foot. Now you can have the same great quality as the other ScanX® products compacted to fit almost anywhere in your office. The new and exclusive Independent Track Control (ITC) feature allows the processing slots to be simultaneously or independently controlled. A single ScanX® Duo can be operated by two users at the same time with different patients making it perfect for use in a shared x-ray pass-through.

ScanX® Intraoral

The ScanX® Intraoral Digital Imaging System for centralized imaging needs (sizes zero through four).

Speed of Image Acquisition: ScanX® is extremely fast because of its continuous, rapid-feed system: 17 seconds to view the first image; four seconds for subsequent images. Also features In-Line Erase.

Simple Operation: One-step scanning, no carousels to load. No darkroom needed. ScanX® functions in normal room lighting. Scan and automatically erase in one continuous cycle.
ScanX® Intraoral and Extraoral

- Incomparable ease of use
- Superior resolution
- Diagnostic-quality panoramic, cephalometric and intraoral images
- Panoramic images in 25 seconds cephalometric images in just 32 seconds
- Continuous rapid feed system: no drums or holders to load or change

ScanX® Swift

- Compact for chairside intraoral images that fits in any operatory
- Accepts sizes: 0, 1 and 2
- Significantly more image area with ScanX®’s thin, cordless phosphor sensors you capture 17% - 38% more image area
- Capture the complete coronal-to-apical length
- Provide more mesial-distal information
- Never miss a root tip or distal cusp
- Fewer retakes
**PSPIX®**

Introducing the next generation of phosphor plate readers—the new PSPIX®—technology beyond your expectations.

The new PSPIX® is our completely redesigned next-generation device for scanning dental x-rays from phosphor plates. It combines an incredibly small footprint with an intuitive touch screen for the easy and efficient taking of dental x-rays.

**DIGORA® Optime**

The DIGORA® Optime introduces top of the line innovations and technologies while preserving the traditional DIGORA® benefits.

- Touchless operation
- Visually guided use with image preview
- Improved image resolution better and easier diagnostics
- Most comfortable, secure hygiene bags
Sol™ Laser

SOL™ is the ideal device for both entry-level and experienced laser users, delivering all the power and essential features you demand in a laser, but a fraction of the price. SOL™ combines true portability and superior precision at a value that no other laser can match. Whether you’re upgrading your arsenal, arming your Hygiene team, or simply seeking your first diode—look no further than SOL™.

Every SOL™ laser is manufactured in California to the highest of quality standards and backed by a two-year warranty.

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Soft Tissue Laser

<table>
<thead>
<tr>
<th>TREATMENT</th>
<th>NUMBER OF USES PER MONTH</th>
<th>FEE PER PROCEDURE</th>
<th>FEES COLLECTED PER MONTH</th>
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<tbody>
<tr>
<td>Apthous Ulcer Treatment</td>
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<td>$70</td>
<td>$560</td>
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<tr>
<td>Soft Tissue Crown Lengthening</td>
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<td>$250</td>
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<tr>
<td>Gingivectomy</td>
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<td>$250</td>
<td>$1,500</td>
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<tr>
<td><strong>Estimated Revenue Generated Per Month</strong></td>
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<td><strong>$3,060</strong></td>
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**SOFT TISSUE LASER SUMMARY**

- Total Equipment Investment: $2,495
- Section 179 Deduction: $2,495
- Estimated Federal and State Tax Rate: 35%
- Estimated Tax Savings: $873
- Net Equipment Investment: $1,622

First Year Tax Savings: $873

LESS Cost of Unit: - $2,495

Net first Year Cash Flow from Tax Benefits: - $1,622

PLUS Estimated Annual Revenue: $36,720

**TOTAL SAVINGS**: $35,098

*Other costs associated not included within ROI chart (cost of tips).