



DenOptix® QST

All the benefits of digital with the simplicity of film

DenOptix QST is the most advanced offering in Photostimulable Phosphor (PSP) scanning from Gendex, the long time leader in PSP. The QST delivers maximum productivity, unmatched flexibility and superior reliability to the dental practice. With its market leading scan speed, DenOptix QST is the most cost effective, complete and efficient digital solution.



Maximum productivity

- Market leading scan speed provides a full-mouth series in as little as 4 seconds per image
- DenOptix QST displays 4 bitewings in under 30 seconds
- Innovative QST design significantly decreases image plate loading time
- DenOptix QST eliminates the cost and time associated with traditional film processing
- DenOptix QST significantly reduces patient and staff waiting time

Unmatched flexibility

- Increases efficiency with single scan feature for intraoral and extraoral plates
- Leverages your existing X-ray film-based investments
- Provides simple conversion to digital with comfortable, wireless and flexible imaging plates
- Scans all plate sizes and configurations

Superior reliability

- Delivers the consistency and reliability you require, backed by thousands of installed units and years of worry-free maintenance
- PSP technology leader with a 7 year history of quality and reliability with over 6,000 active DenOptix users worldwide



Digital Phosphor Plate Technology

DenOptix QST is digital made easy

GENDEX®
KaVo Group



Digital Phosphor Plate Technology

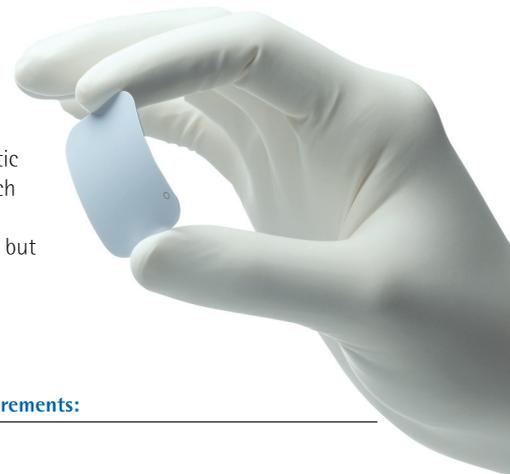
Choose the DenOptix QST if you:

- Seek the most economical and easy conversion to digital
- Desire the speed and flexibility of digital with limited staff training
- Demand a wireless, flexible and thin solution which increases patient acceptance
- Want to deliver digital imaging to the entire practice in one economical step

Photostimulable Phosphor (PSP) Technology

PSP utilizes reusable phosphor coated imaging plates to capture X-ray emissions. The wireless, flexible PSP plates match the sizes and are positioned in the same manner as traditional film. After an X-ray emission, the phosphor plate captures the intra- or extraoral image.

Using the advanced laser scanning of the DenOptix QST, the latent image is converted into a highly diagnostic digital image. This image is optimized using the features and tools of advanced digital imaging software, such as Gendex VixWin Pro. After scanning, the PSP imaging plates are "cleared" or "erased" via light for reuse. For panoramic and cephalometric imaging, the phosphor plate operates in the same manner as existing film but without the need for an intensifying screen.



DenOptix® QST

Interface cable	USB 2.0
Voltage	100-240 V AC
Frequency	50/60 Hz
Power	100 watts max.
Laser classification	Compliance per DHHS Radiation Performance Standards 21 CFR, Ch I, Subch. J+EN60825 Class 1 Laser Device
Weight (empty)	15 kg / 32 lbs

DenOptix® QST intraoral imaging plates

Intraoral plate dimensions (mm)	Size 0: 22x35	Size 1: 24x40	Size 2: 31x41,
	Size 3: 27x54	Size 4: 57x76	

DenOptix® QST panoramic/cephalometric imaging plates

Panoramic plate dimensions 15x30 cm - 5x12 inch

Cephalometric plate dimensions 18x24 cm - 8x10 inch

Computer recommendation

CPU speed	2.4 GHz Pentium IV or higher
Operating system	Windows XP PRO
RAM	256+ MB
Hard drive	40+ GB*
USB port	USB 2.0
Monitor	17" with 0.25 mm dot pitch
Video display adapter	8+ MB RAM
Display setting	1024x768 true color

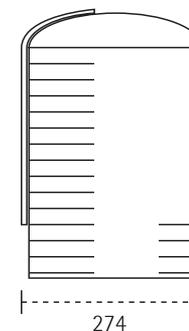
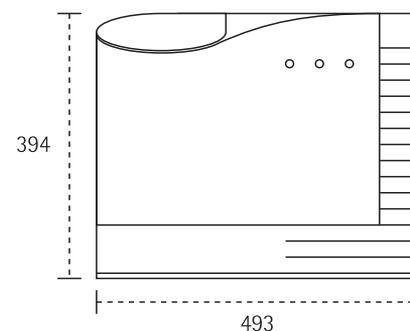
*See also the Imaging Software computer requirements

Applicable standards:

The DenOptix QST Digital Imaging System conforms to the following standards: UL 60601-1: Medical Electrical Equipment, Part 1: General requirements for safety; 21 CFR Chapter I, Subchapter J: Performance Standard for Light-Emitting Products; MDD 93/42/ECC: CE Medical Device Directive; CAN/CSA-C22.2 No. 601.1: Medical Electrical Equipment, Part 1: General requirements for safety; IEC 60601-1: Medical Electrical Equipment, Part 1: General requirements for safety; IEC 60601-1-2: Medical Electrical Equipment, Part 1: General requirements for safety- Collateral standard; Electromagnetic Compatibility; IEC 60825- 1: Safety of Laser Products; ISO 13485: Medical devices- Quality management systems; ISO 14971: Risk Analysis

Installation requirements:

Dimensions mm



Data subject to change without notice • © Copyright Gendex Dental Systems - September 2005

Microsoft®, Windows XP PRO® are registered trademarks of Microsoft Corp.

KaVo Dental – Gendex Imaging

Via Alessandro Manzoni, 44
20095 Cusano Milanino • Milan • Italy
Tel. +39 02 6180081 - Fax +39 02 61800809
www.gendex-dental.com - www.kavo.com

0.821.1029

GENDEX
KaVo Group

Gendex. Imaging Excellence