Technical specifications.

	Size 2 Sensor	Size 1 Sensor
External Dimensions	31 mm x 42 mm	25 mm x 37 mm
Image Pixel Size	19.5 µm	19.5 µm
Sensor Technology	Enhanced CMOS	Enhanced CMOS
Scintillator Technology	Csl Scintillator	Csl Scintillator
Image Size	1324 x 1842 pixels	1026 x 1539 pixels
Number of Pixels	2.4 megapixels	1.6 megapixels
Resolution	Theoretical: 25.6 lp/mm Visible: 20+ lp/mm	Theoretical: 25.6 lp/mm Visible: 20+ lp/mm
USB Connector	Hi-Speed USB 2.0	Hi-Speed USB 2.0
Cable Length	9 feet (2.7 meters)	9 feet (2.7 meters)
Warranty	2 years	2 years

KaVo GXS-700 is a USB certified device and shall be used with USB compliant cables suitable for Hi-Speed USB 2.0 components. Certified USB cable extenders are available from KaVo. Certified powered USB active hubs can also be used to extend the distance to the USB host/computer. The length of the cable connection to the hubs or between hubs shall not exceed 15 feet (5 metres). GXS-700 digital intraoral sensors are Certified Class IIa medical devices.

System requirements.

PC Requirements	Minimum	Recommended
Operating System	Microsoft® Windows® XP with service pack SP3	Microsoft® Windows® 7 Professional 32 or 64 bit
Processor	Intel Celeron® M 1.6 GHz	Intel® Core™ 2 Duo 2.4 GHz
Memory	512 MB	4+ GB
Hard Disk	40+ GB	120+ GB
Display Settings	800 x 600 at 24 bit true colour	1024 x 768 at 32 bit true colour
Video Memory	1+ MB	128+ MB
USB Port	USB 2.0	USB 2.0
Driver	GxPicture 3.0 or higher	GxPicture 3.0 or higher
USB Power Supply	5 V DC, 500 mA	5 V DC, 500 mA
Standards	In compliance with the UL/IEC/EN 60950-1 standards	

Dental Excellence in every area.

Practice equipment
KaVo treatment units and lights, dental chairs, patient communication systems, dental microscope and additional operatory accessories.

Instruments
Dental straight and contra-angle handpieces, turbines, air polishing systems and small equipment for all application areas including diagnosis, prophylaxis, restorative, surgery, endodontics and instrument care.

Imaging
Intraoral X-ray equipment, sensors and imaging plate systems, panoramic and cephalometric in combination with CBCT, as well as dedicated CBCT devices for every indication in dentistry.

CAD/CAM
Dental CAD/CAM solutions for premium aesthetic, natural-looking and long-lasting restorative work, suitable for dentists and dental technicians.

GXS-700
Innovation in high definition.

KaVo

Dental Excellence

KaVo

Dental Excellence

Dental Excellence in a new format.

Whether migrating from filmbased radiography or upgrading from an older digital system, the GXS-700 is raising the performance bar for digital intraoral sensors. From ease-of-use and portability, to enhanced acuity and sustainability, these sensors underline our commitment to helping advance your practice with innovative and excellent dental solutions.

High definition radiography.

Utilising the latest sensor technology, the GXS-700 system delivers real-time images of truly amazing clarity and detail — greatly supporting diagnosis and treatment.
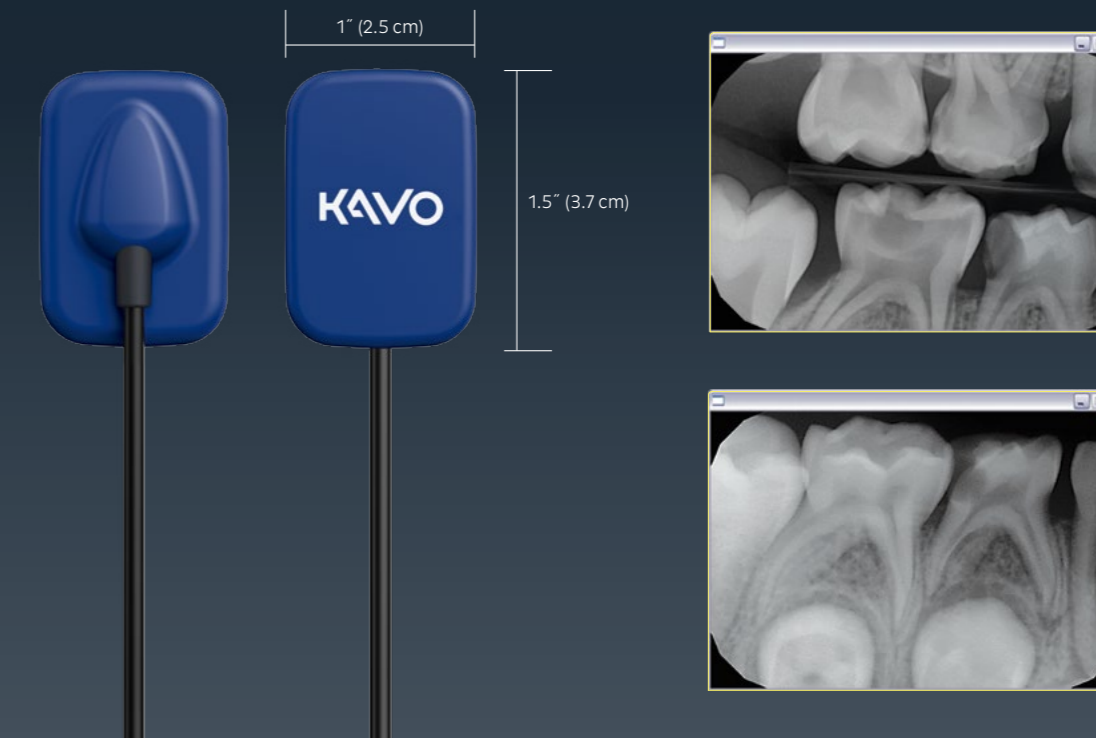

Effortlessly capture high definition images of challenging areas such as third molars and long-rooted canines.

Easily capture both horizontal and vertical bitewings.

Size 1: Perfect for paediatric.

Once they experience the ergonomic shape, the speed and comfort of the GXS-700 Size 1 Sensor — the apprehension of even your youngest patient is sure to disappear quickly.

1" (2.5 cm)

1.5" (3.7 cm)

The GXS-700 sensor enables comfortable positioning even in the most distal parts of smaller mouths.

High quality image capture.

- Advanced CMOS sensor technology enhances image quality, elevating technical and diagnostic capabilities.
- High-performance sensor captures high resolution images, providing more than 20 visible line pairs per millimeter.
- Working within a wide dynamic range of X-ray exposure settings provides consistent image quality and repeatable results.

Two ergonomic sensor sizes.

- Size 1 and Size 2 accommodate children and adults.
- Rounded corners and smooth edge finishes comfortably fit the anatomical shape of the oral cavity.
- Durable materials and components increase the life span of the product.

Direct USB connectivity.

- Ultra-portable sensors with Hi-Speed USB 2.0 connectivity.
- No need for USB controllers, adapters or docking stations.
- Low power consumption.

A small step for your practice, one giant leap for your workflow efficiency.

Known for improving the clinical lives of dentists, KaVo offers the GXS-700 for smooth integration into leading practice management systems. This creates more time for patient contact and additional appointments. The GXS-700 can be conveniently carried to wherever it is needed, from operatory to operatory, for fast, proficient service.

Its unique "Always Ready" feature automatically recognizes the presence of radiation and starts image acquisition without initiating the capture through software or hardware interfaces.

With its fast Hi-Speed USB 2.0 connection, it saves time every day, no matter the type of appointment. Digital images appear instantly, providing clinicians with immediate feedback. In an emergency, valuable time is not wasted waiting for film to develop, allowing you to quickly attend to your patient.

With dimensions similar to the smallest film, its ergonomic design with rounded corners and smooth edge finishes, the GXS-700 helps children gain a positive x-ray experience. When compared to traditional film radiographs, the GXS-700 system can significantly reduce patient exposure to radiation and eliminates the need for working with film processing chemicals.

The wall-mount cradle safely stores the sensor and USB connector.