Technical specifications.

### Size 1 Sensor

<table>
<thead>
<tr>
<th>External Dimensions</th>
<th>Image Pixel Size</th>
<th>Sensor Technology</th>
<th>Scintillator Technology</th>
<th>Image Size</th>
<th>Number of Pixels</th>
<th>Resolution Theoretical:</th>
<th>Visible:</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 mm x 42 mm</td>
<td>19.5 µm</td>
<td>Enhanced CMOS</td>
<td>CsI Scintillator</td>
<td>1324 x 1842 pixels</td>
<td>2.4 megapixels</td>
<td>25.6 lp/mm</td>
<td>20+ lp/mm</td>
</tr>
</tbody>
</table>

### Size 2 Sensor

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<tr>
<th>External Dimensions</th>
<th>Image Pixel Size</th>
<th>Sensor Technology</th>
<th>Scintillator Technology</th>
<th>Image Size</th>
<th>Number of Pixels</th>
<th>Resolution Theoretical:</th>
<th>Visible:</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 mm x 37 mm</td>
<td>19.5 µm</td>
<td>Enhanced CMOS</td>
<td>CsI Scintillator</td>
<td>1026 x 1539 pixels</td>
<td>1.6 megapixels</td>
<td>25.6 lp/mm</td>
<td>20+ lp/mm</td>
</tr>
</tbody>
</table>

### USB Connector

- Hi-Speed USB 2.0

### Cable Length

- 9 feet (2.7 meters)

### Warranty

- 2 years

### PC Requirements

- **Minimum**
  - Operating System: Microsoft® Windows® XP with service pack SP3
  - Processor: Intel Celeron® M 1.6 GHz
  - Memory: 512 MB
  - Hard Disk: 40+ GB
  - Display Settings: 800 x 600 at 24 bit true colour
  - Video Memory: 1+ MB
  - USB Port: USB 2.0
  - Driver: GxPicture

- **Recommended**
  - Operating System: Microsoft® Windows® 7 Professional 32 or 64 bit
  - Processor: Intel® Core™ 2 Duo 2.4 GHz
  - Memory: 4+ GB
  - Hard Disk: 120+ GB
  - Display Settings: 1024 x 768 at 32 bit true colour
  - Video Memory: 128+ MB
  - USB Port: USB 2.0
  - Driver: GxPicture

### USB Power Supply

- 5 V DC, 500 mA

### Standards

- In compliance with the UL/IEC/EN 60950-1 standards

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**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.
Dental Excellence in a new format.

Whether migrating from film-based 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.

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.

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.

High quality image capture.

- Advanced CMOS sensor technology achieves 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.

Easily capture both horizontal and vertical bitewings.

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

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

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, as no matter the type of appointment. Digital images appear naturally, 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.

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