Dental Excellence from KaVo.

**Handpieces**
KaVo has always been the leader in creating innovative solutions for dental practitioners. Our vast line of quality handpieces showcase our attention to your level of care while delivering performance that lasts.

**Treatment Units**
Beautiful lines, patient comfort and simple operation are just a few of the benefits to the line of KaVo treatment units. Everything you need to perform any procedure—all in one solution.

**Imaging Solutions**
Designed with ease-of-use for all clinicians in mind, KaVo now offers dependable and consistent imaging solutions that provide vital information to support accurate diagnosis and predictable treatment planning.

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ORTHOPANTOMOGRAPH™ / OP 3D Imaging innovations in one device
The KaVo OP 3D™ is a unit designed for advanced dental imaging needs. It is a complete X-ray platform that provides easy-to-use features throughout the entire dental imaging workflow. The versatile panoramic, cephalometric and 3D programs offer image excellence for a variety of users ranging from general dental practitioners to maxillofacial surgeons and airway specialists.

3D images provide valuable information vital to diagnosis and optimal treatment planning. Evaluation of different morphologies is easy as the region of interest can be viewed from all directions.

- Implantology
- Endodontics
- Impactions
- TMJ
- Airway
- Trauma
- Periodontics

**Sustainable Green Solution**

The OP 3D replaces lead typically used for tubehead radiation shielding designs with a more ecological and environmentally friendly alternative that provides equivalent radiation attenuation. Plus, the power save feature of this system reduces overall energy consumption of the practice.
Designed for Efficiency

Every feature of the OP 3D is designed to increase practice efficiency. Preparing the unit for a scan is fast with an intuitive patient positioning system and graphical user interface. Imaging protocols are optimized for practice workflows.

**ORTHOselect™ for optimized workflow**

The desired imaging area can be selected intuitively with the ORTHOselect user interface. Selections can be made as individual teeth, an entire upper or lower jaw, or TMJ. The optimum field-of-view (FOV) is set automatically based on the selection.

**New level of control and flexibility**

With OP 3D, the FOV location can be controlled easily and accurately. SMARTVIEW™ 2.0 user interface offers two-dimensional scout images prior to the actual CBCT examination. Users can verify the exact FOV location with the ability to adjust automatically based on the selection. This limits the need for retakes and can help lower dosage and follow ALARA (As Low As Reasonably Achievable) radiation protocols.

**Customized FOVs with SMARTVIEW 2.0**

With OP 3D, the number of FOV sizes is practically unlimited. SMARTVIEW™ 2.0 user interface enables choosing the most optimum FOV size for the clinical need as the FOV height and width can be freely adjusted from the taken scout image.

**QUICKcompose™ feature for fast image review**

QUICKcompose, available for both panoramic, cephalometric, and 3D modalities, offers a quick preview of the captured image allowing for timely evaluation.
Tools for Professionals

One size doesn’t have to fit all. The OP 3D offers efficient tools for optimizing the patient dose with its ability to allow the clinician to select the best resolution, FOV size, and region of interest.

Variety of resolutions

Low Dose Technology™ scan (LDT) can be utilized in dose-sensitive cases and in control and follow-up scans where patient dose is to be minimized, or lower resolution is acceptable.

Standard resolution scan with optimized patient dose can be used for general diagnostics.

High resolution scan offers extremely sharp images for more detailed diagnosis.

Endo resolution scan with 80µm voxel size specially designed for endodontic applications. Endo resolution is available for the 5 x 5 FOV.

Clinical Images

The OP 3D Fields-of-View are based on true clinical need.

FOV 5 x 5 cm
Optimized for endodontics, single-site implants, impactions and localized diagnostics.

FOV 6 x 9 cm
Covers the complete lower or upper jaw with opposing occlusion.

FOV 9 x 11 cm
Covers the entire dentition, including both lower and upper jaw as well a portion of maxillary sinus.

FOV 9 x 14 cm
Encompasses the maxillofacial region and TM joints.

Clearer images with MAR technology
To provide the highest level of image quality, the Metal Artifact Reduction (MAR) is readily activated with all the FOV sizes of OP 3D. MAR is optimized to aid in all cases ranging from endodontics and implants to maxillofacial imaging.

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NEW KaVo OP 3D, an upgradeable pan
Panoramic imaging with complete upgradeability options to 3D and cephalometric imaging

Full upgradability
The KaVo OP 3D panoramic unit is completely upgradeable. Choose the addition of cephalometric imaging, or completely upgrade and choose to add 3D imaging to your practice for even more diagnostic options.

The ORTHOPANTOMOGRAPH™, introduced over 50 years ago, was a revolutionary groundbreaker and pacesetter for dental panoramic X-ray imaging.

Today, with more than 60,000 units sold, the ORTHOPANTOMOGRAPH™ systems are regarded as the leading name and benchmark in the X-ray world.

The 9 second standard and pediatric panoramic scan times provide clear image definition, with fewer movement artifacts, as well as a lower dose to the patient.
2D Panoramic

Standard and Pediatrice panoramic images, along with Bitewing and lateral TMJ projections cover all the extraoral imaging needs of a busy practice.

9-SECOND SCAN TIME: The standard panoramic program provides a clear definition of the dental anatomy, including TMJs—in only 9 seconds.

Bitewing-like view is a quick and easy alternative to intraoral bitewing imaging.

ORTHOfocus™ feature—sharp images automatically

With the ORTHOfocus feature, the optimum panoramic image layer is automatically obtained enabling forgiving patient positioning. The result is consistent image quality every time.
**NEW Cephalometric imaging**

The innovative, patented ORTHOceph™ Plus design of the KaVo OP 3D takes Cephalometric imaging workflow to a new level. The KaVo OP 3D provides all needed protocols such as Lateral and Pediatric Lateral projections with adjustable field widths, Posterior-Anterior (PA) projections and Carpus* imaging – with fast scan times and a minimal dose. All combined with an intuitive graphical user interface and automated sensor movements to enable smooth workflows.

- Thanks to its patented design, the KaVo OP 3D is by definition at the correct height for a CEPH image if a panoramic image has been taken first. Owing to the minimized needs for adjustments, workflows are easy and fast.
- A dedicated X-ray source for the Cephalometric imaging, combined with advanced sensor technology, enables a high capacity and optimum imaging parameters resulting in clinically great results with a minimal patient dose.

* Carpus holder is an option.
KaVo—Dental Excellence

KaVo is committed to providing the foundation so our customers can do more of what is important to them and their patients. Through product innovation, world-class service and exceptional support, KaVo brings the best dental technology.

The known KaVo quality is now available in an impressive product portfolio. We are proud to offer handpieces, treatment units, world-class imaging solutions and more.

Everyday, we are empowering clinicians to do more of what matters.