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KaVo NOMAD™ Pro 2
Handheld X-ray System



KAVO
Dental Excellence

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KaVo NOMAD™ Pro 2

The Power and Freedom of Imaging In Your Hands

The highly portable KaVo NOMAD Pro 2, now under the trusted brand of KaVo—lets you gain all the reliability and efficiency advantages that every busy dental office needs and appreciates. The new KaVo NOMAD Pro 2 provides a powerful freedom in workflow that is unattainable with wall-mount units. From its safety and portability to its image capture and innovative features, the NOMAD Pro 2 is designed with the practice, the clinician, and the patient in mind.

Commitment to Safety

We understand that safety is paramount when clinicians treat their patients. To keep operators safe, the NOMAD Pro 2 has two highly devised shielding features. A unique, lead-infused acrylic shield protects the operator from direct and scatter radiation while an internal proprietary housing encases the X-ray tube to block radiation leakage. When the NOMAD Pro 2 is used as directed, these shields create a “safe zone” for the operator throughout the acquisition process.



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Focus on Image Quality

We know that you want to provide the best diagnosis for your patients, and the best diagnosis starts with the best image quality. You can depend on NOMAD Pro 2 to help produce sharp, clear radiographic images. NOMAD Pro 2 utilizes the latest in X-ray technology—a 0.4 mm focal spot plus a 60kV DC X-ray generator that consistently delivers precise, repeatable exposures.

NOMAD



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Efficient Workflow Advantages

Freedom is in your hands with the ability to take an X-ray anywhere out of the office and in any treatment area in your practice. Portable and easy to use, the NOMAD Pro 2 allows you to move freely between operatories and to remain chairside when it really counts.

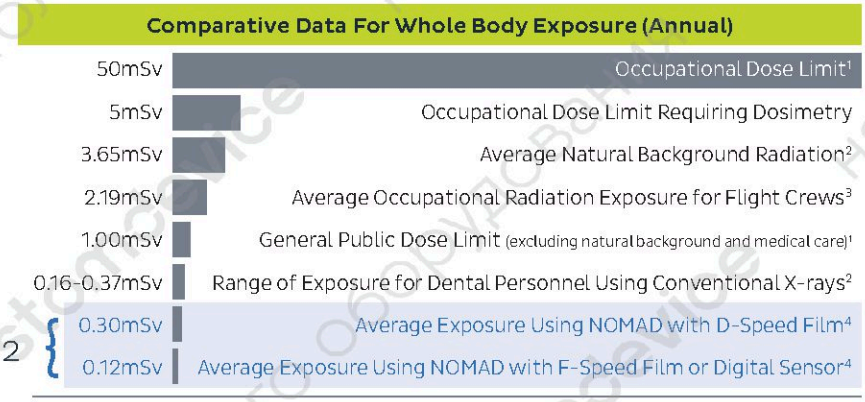
This innovatively designed unit allows you to stay with your patient during the procedure, especially with fearful or challenging patients. No more leaving the room to trigger exposures only to return to find that the X-ray head has drifted or that your patient has moved necessitating a retake of the radiograph. From changing image capture settings to exposing the X-ray, you can be there by your patient's side creating a positive radiographic experience for you both.

Cost Savings and Maximum Operating Time

With NOMAD Pro 2, there's an immediate cost savings over multiple operatories that would need wall-mount units. With your new handheld system, you can save on the cost and time of special construction, wiring, and installation. Safety literature and training videos are provided, and your NOMAD Pro 2 is ready for use right out of the box.



KaVo NOMAD™ Pro 2



[1] Standards for Protection Against Radiation, 10 CFR 20 (US Federal Standards), 1994 (see also NCRP Report No. 116).
[2] NCRP Report No. 160 (National Council on Radiation Protection and Measurements), p 211–212.
[3] "Estimated Cosmic Radiation Doses for Flight Personnel," Feng YJ et al, Space Medicine and Medical Engineering, 15(4) 2002, p 265–269.
[4] Normalized average assumes 7,200 exposures per year, and the average length of exposure for D-speed=0.50 seconds, F-speed=0.25 seconds, digital sensor=0.20 seconds

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Leading Expansion Across the Nation

Proudly assembled in the U.S.A., the NOMAD was the first handheld to the market and continues to be the world's leader in intraoral X-ray units. With our past successes and award-winning design, NOMAD continues to be widely accepted in this rapidly growing area of dental technology. Using vital safety and engineering research data, our company has been instrumental in moving this technology forward so that dentists can have the freedom that NOMAD products offer.

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Innovative Features



Industry-Leading Battery Technology

Incorporating 30% more capacity than in previous models, the KaVo NOMAD Pro 2 utilizes premier battery technology that provides a more consistently reliable, long-lasting battery. This higher-capacity battery is designed to keep pace with the demands of busy dental practices and workflow, even in heavy usage. The battery cells, similar to those used in electric vehicles, are constructed of the latest advanced materials. The battery charger has been newly developed for maximum charging power to yield the most efficient use of the system.



Inventive Ergonomic Design

Ergonomics was foremost in the redesign of the new KaVo NOMAD Pro 2. Based on customer feedback the engineering team also created a more secure grip for users with smaller hands. Ergonomically designed, the handset enables the clinician with the flexibility needed to effortlessly integrate the KaVo NOMAD Pro 2 into their daily workflow. The handle base is sized appropriately so that it is more stable in your palm, while the entire handle's circumference is proportionately designed for a better fit of the human hand. The slight tapered shape from the top allows the handle to not only attain this better fit; it also becomes more steady and comfortable to use. The unit overall is much more balanced and is easily cradled to allow the operator to quickly make setting adjustments and changes in sensor position.



Intuitive User Interface

The KaVo NOMAD Pro 2 touchpad interface has a new look and feel. You can easily adhere to ALARA and select the right dose for your patient's particular need by choosing from a variety of easy-to-understand, graphic settings: two body types; film, PSP or sensor modality; tooth presets that automatically adjust for dose; or you can elect to manually set exposure.

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For the freedom and power to image in any location that also provides your busy office with safety, efficiency, and reliability, look to the KaVo NOMAD Pro 2 for your intraoral X-ray needs.



Technical Specifications

Battery	21.6 V DC Lithium Ion
Voltage	60 kV true DC
Current	2.5 mA
Exposure time range	0.02 – 1.00 s
Focal spot	0.4 mm
Inherent filtration	> 1.5 mm Al equivalent

Source to skin distance	20 cm
X-ray field	60 mm round
Maximum duty cycle	1:60
Total weight	6.0 lbs. (2.7kg)
Approximate dimensions	W 5.5" x L 11" x H 10.5" (W 14 cm x L 28 cm x H 27 cm)

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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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