

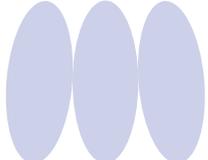


Veraview
IC-5
Digital

Veraview IC5
Super Highspeed Digital Imaging Excellence

 J.MORITA MFG.CORP.

Thinking ahead. Focused on life.


MORITA



Thinking ahead.



Focused on life.

Super Highspeed with Exceptional Clarity



Sharp images are absolutely essential in today's dental practice. The Veraview IC5 delivers digital exposures with outstanding contrast, resolution and clarity at a super highspeed – only 5.5 seconds and a much lower x-ray radiation. Equipped with a triple laser beam and cutting-edge technology, including DDAE and AIE, the Veraview IC5 ensures easy patient positioning coupled with an unsurpassed image quality.

Combining state-of-the-art software and exceptional image quality, the Veraview IC5 forms a harmonious balance between user-friendly handling and technological innovation, allowing you to conduct your examinations quickly and efficiently.

**5.5 seconds:
much lower x-ray radiation**

Veraview IC5 Features at a Glance

Just 5.5 Seconds and Much Lower X-Ray Radiation

Unsurpassed exposure time and significantly lower dosage

High-Quality Images

DDAE and AIE functions provide sharp and clear images

Fully Automatic Simplified Operation

Simply select the desired program: Panorama, TMJ or PEDO. In addition, no parameter setting is required

Quick and Easy Patient Positioning

With integrated triple laser beam alignment

Compact, Lightweight Design

Weighs only 110 kg

Improved Energy Savings

50% of the power consumption of conventional x-ray units*

Digital Technology

No film and film development are required

* compared with the Veraviewepocs/film, normal speed radiographic mode



DDAE: on, AIE: off

High-Quality Images
in only 5.5 Seconds and Far Less Radiation





DDAE: on, AIE: on

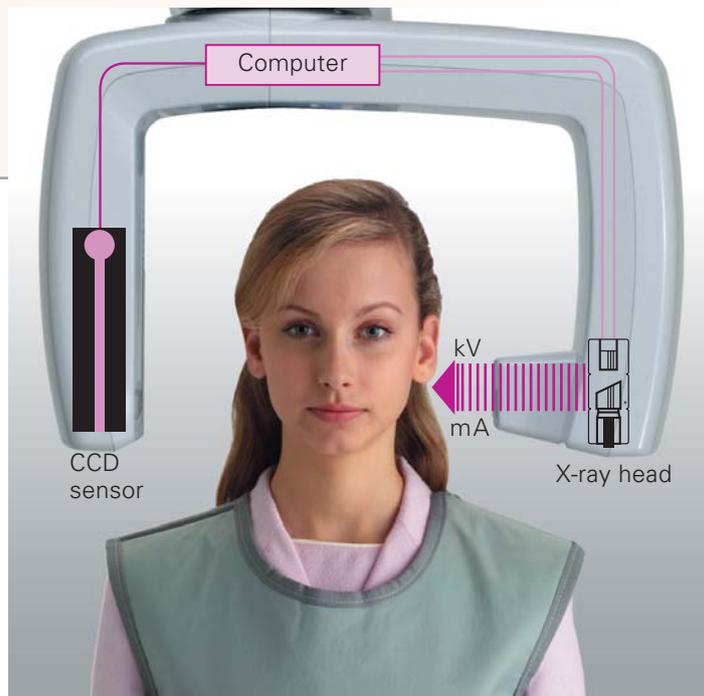
Comparison of AIE

Veraview IC5 produces very low x-ray radiation. As a rule, if the amount of x-ray radiation is reduced, the result is a poorer image with more noise. Veraview IC5 resolves this issue with functions such as Digital Direct Automatic Exposure (DDAE) and Automatic Image Enhancer (AIE).

Unsurpassed Exposure Time and Significantly Lower Radiation

The C-arm of Veraview IC5 rotates 3 times faster than that of a conventional panoramic unit*. With an industry-best exposure time of 5.5 seconds, the Veraview IC5 is not only significantly faster than conventional film-based panoramic systems, but also requires much less radiation*.

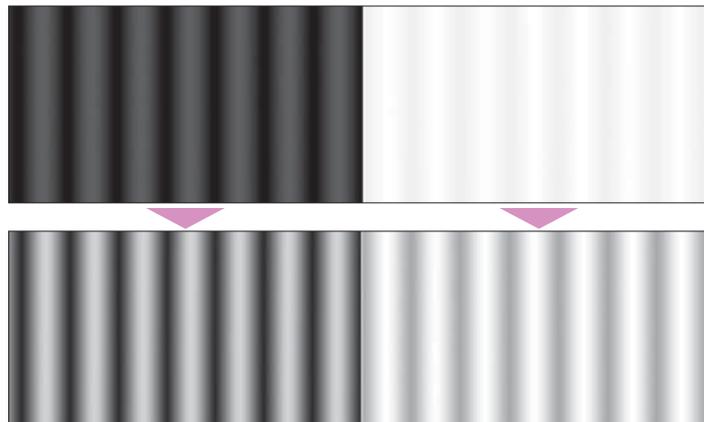
* compared with the Veraviewepocs, film-based system, or with normal speed radiographic mode



There is no need to set the tube voltage and current. DDAE ensures optimal voltage (between 60 and 70 kV) and current (between 1 and 7.5 mA) parameters.

Digital Direct Automatic Exposure (DDAE)

DDAE controls the x-ray tube voltage (kV) and current (mA) simultaneously by detecting x-rays passing through the patient. This improves the dynamic range and, along with Automatic Exposure (AE), results in exceptionally clear images with the best possible contrast and even density.

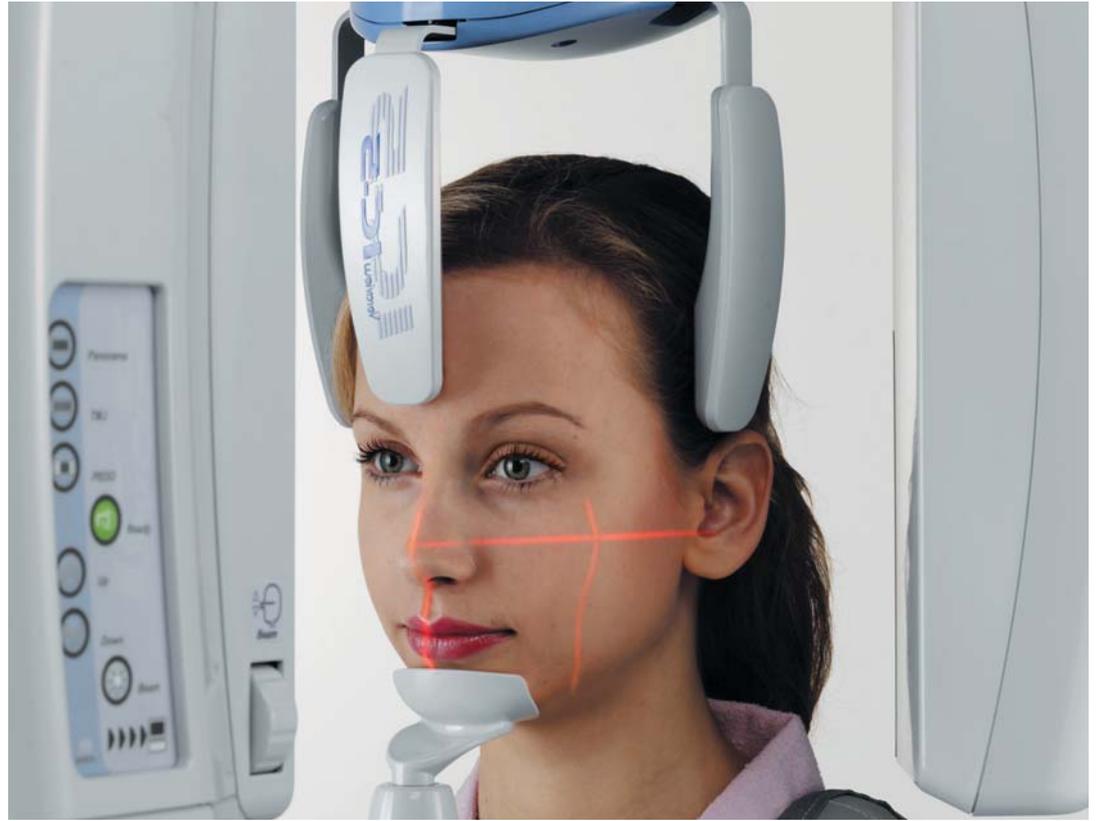


Automatic Image Enhancer (AIE)

AIE is a software tool that optimizes the density throughout the entire image and highlights the brightness level of detailed areas to create images with an extremely high degree of clarity.



Simple and Easy Operation



Power-Assisted Movement

The electric motor of Veraview IC5 enables convenient lift movement. Smooth slow-start and slow-stop functions provide easy patient positioning. With an automatic overload stop function, operation of the Veraview IC5 is also extremely safe.

Fully Automatic X-Ray Loading Factor

X-ray exposures require no kV or mA parameter settings. Simply select the desired program: Panorama, TMJ or PEDO.

Energy-Saving, Light and Compact Design

At 0.85 kVA, the power consumption of the Veraview IC5 is at least 50% lower than that of previous models. Weighing a mere 110 kg, it is also very economical in terms of required operational space (only 0.81m² in size).

Triple Laser Beam for Easy Positioning

The Veraview IC5 utilizes three lasers that align the Frankfurt plane, the mid-sagittal plane and the image layer, making patient positioning very easy.

Direct Current for Optimal Efficiency and Safety

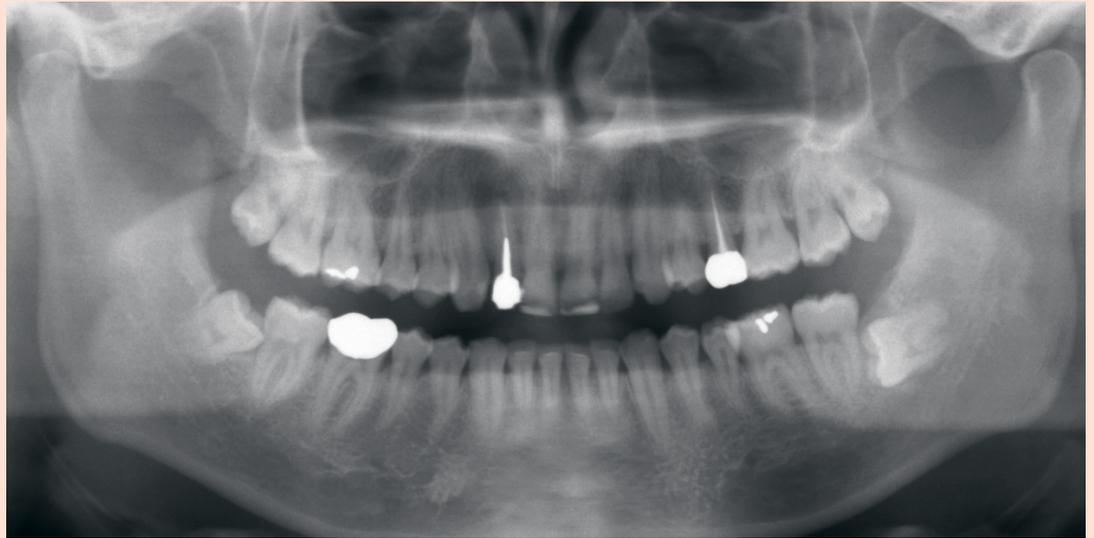
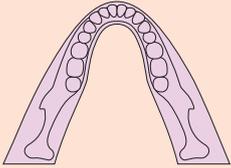
Direct current produces high-energy x-rays, thereby reducing the soft x-rays which are absorbed by the human body during the exposure. Also, the primary slit of Veraview IC5 is narrower. The image has a wider image layer, providing greater detail.



The chin rest can be manually moved backward and forward.

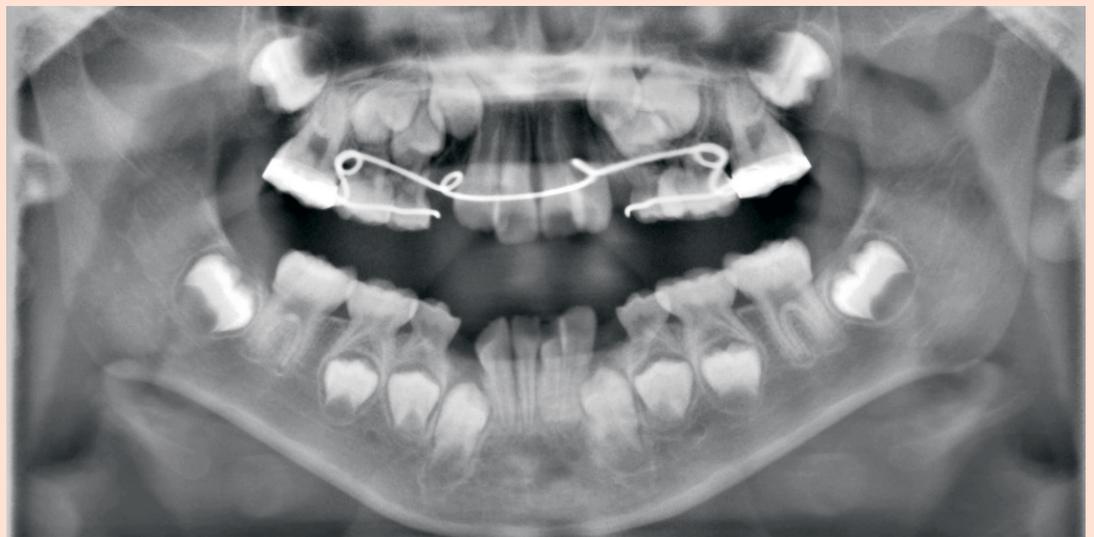
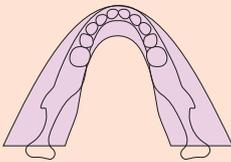
Standard Panoramic

Clear, sharp images with a wide image layer. The thick, specifically designed image layer accommodates all possible variations of dental arch shapes and sizes to produce extremely clear and sharp images.



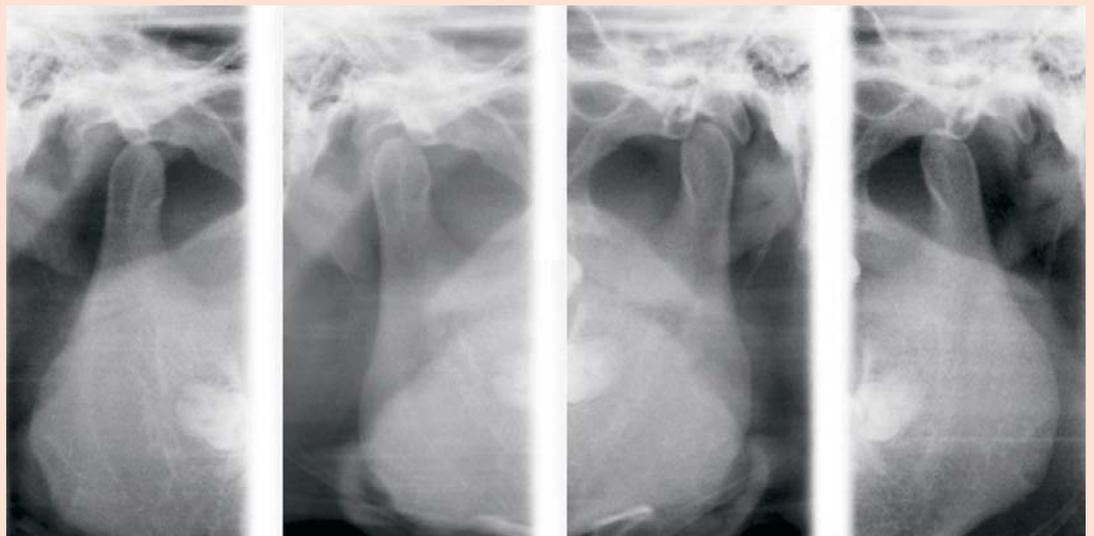
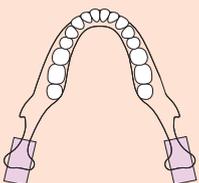
Pedodontic Panoramic at Reduced Radiation

For examinations of children or people with small jaws, the rotation range of the arm is diminished, thereby further reducing radiation exposure.



TMJ Quadruple Exposures: for Open and Closed Condyle Views

Four exposures fit onto one image. In each case, one exposure from the left and right heads of the condyle, open and closed, for the exact display of the anatomical form and relative position of the heads of the condyle.

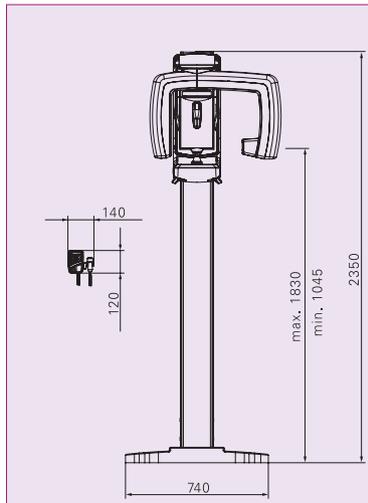
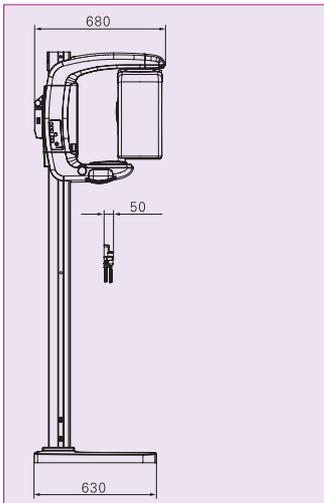
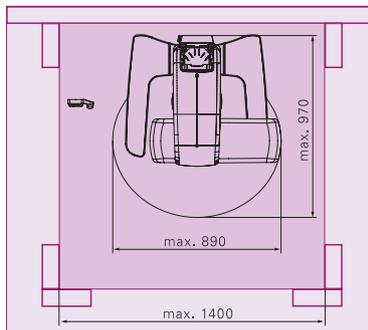


Veraview IC5 Specifications

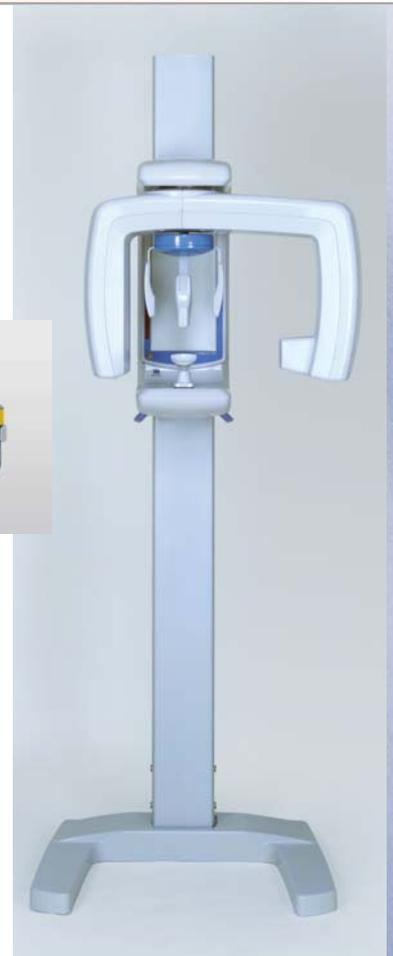
Trade name	Veraview IC5
Model	XDP1
Input voltage	AC 100 V/115 V/120 V (EX-1), 220 V/230 V/240 V (EX-2)
X-ray head (DC Inverter)	
Power consumption	0.85 kVA
Operating tube voltage	60–70 kV Automatic control
Operating tube current	1–7.5 mA Automatic control
Filament	preheated
Rectification	direct current
Cooling	oil cooling
Tube focal area	0.5 mm
Exposure time	super highspeed: 5.5 sec., highspeed: 8 sec.
Light beams	mid-sagittal plane, Frankfurt plane, image layer light beam
Emission switch	deadman type
Outer dimensions	
Body dimension	B 890 x D 970 x H 2350 mm (2.35 m)
Control box dimension	B 140 x D 50 x H 120 mm
Required installation area	0.81 m ²
Weight	approx. 110 kg

Specifications, Dimensions and Patient Communication Features

Veraview IC5 Dimensions (unit: mm)



Easy-Operating
Control Box



Thinking ahead. Focused on life.

In 1916, Junichi Morita started to import products of the leading dental equipment manufacturers into Japan, where demands for modern dentistry were growing. His venturesome attempts of supplying selected products for oral healthcare has grown steadily by receiving valuable support and guidance from the dental profession. His enterprising spirit lives through the decades, and all Morita Group Companies join in continuing to pursue marketing, distribution and services, as well as R&D and manufacturing, in collaboration with world leaders in healthcare products and research organizations.

Diagnostic/Imaging Equipment

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Instruments

Laser Equipment

Laboratory Devices

Educational and Training Systems

Auxiliaries

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