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MORITA

Veraview IC5 HD



Thinking ahead. Focused on life.

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Veraview IC5 HD

High Definition Panoramic Imaging

Industry Leading Exposure Time
Extremely fast 5.5 second panoramic with significantly lower dosage

High Definition
Improved definition of 96μm (10 second scan) for the ultimate high definition image

Class-leading clarity
DDAE (Digital Direct Auto Exposure) and AIE (Auto Image Enhancement) functions provide sharp and clear images

Quick and Easy Patient Positioning
With integrated triple laser beam alignment

Fully Automatic Simplified Operation
Simply select the desired program: Panoramic, TMJ or PEDO. In addition, no parameter setting is required

Digital Technology
No film or film development are required

Low Power Consumption

Lightweight and Compact Design

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Select from two levels of speed and resolution

Depending on the diagnostic need, you can take a quick, 5.5 second panoramic for the lowest dose, or a 10 second scan for the ultimate, high resolution image.

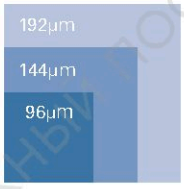


High Speed
With an industry leading exposure time of 5.5 seconds, the Veraview IC5 is not only significantly faster than conventional film-based panoramic systems, but also requires much less radiation.

High Speed: only 5.5 seconds, 192µm, 1/6** X-Ray exposure



High Definition
Pixel size is reduced 25% compared with the former model, so it produces superior images of a higher resolution.



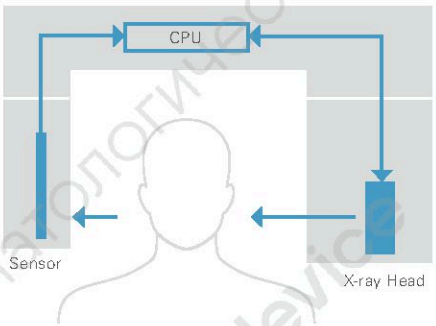
High Definition: 10 second exposure, 96 µm

High Speed: 5.5 seconds (192µm)
High Definition: 10 seconds (96µm)

* as of January 2010
**Compared to a standard panorama image using film and made by Morita's Veraviewepocs (16 seconds, 75kV, & 9mA)

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The combination of DDAE (Digital Direct Auto Exposure) and AIE (auto image enhancement) produces high quality images with optimum contrast and uniform density.



Digital Direct Automatic Exposure (DDAE)

DDAE controls the X-ray tube 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. The automatic exposure level can be adjusted to meet your individual requirements.



Automatic Image Enhancer comparison

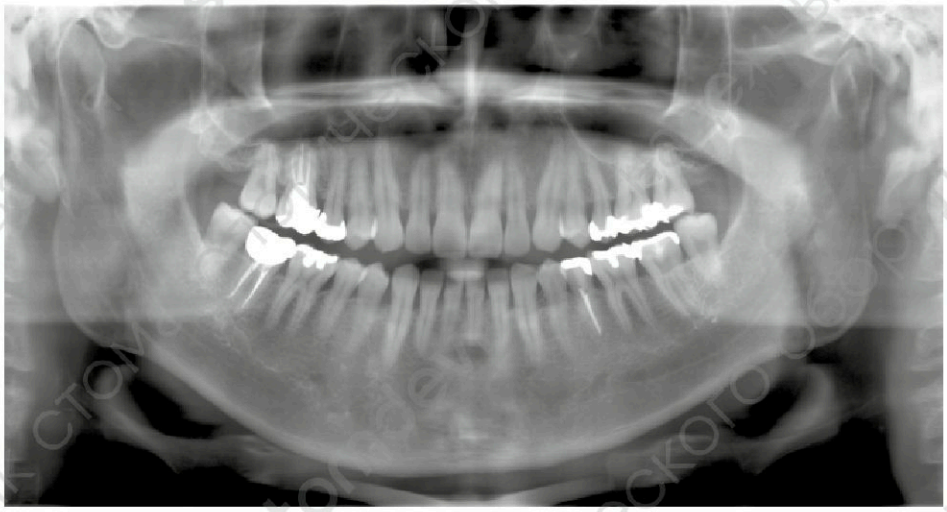


Automatic Image Enhancer (AIE)

AIE is a special software function that optimizes density throughout an entire image, and highlights the brightness level of detailed areas, to create images with an extremely high degree of clarity. DDAE and AIE perform a logarithmic conversion to produce the highest quality image possible.

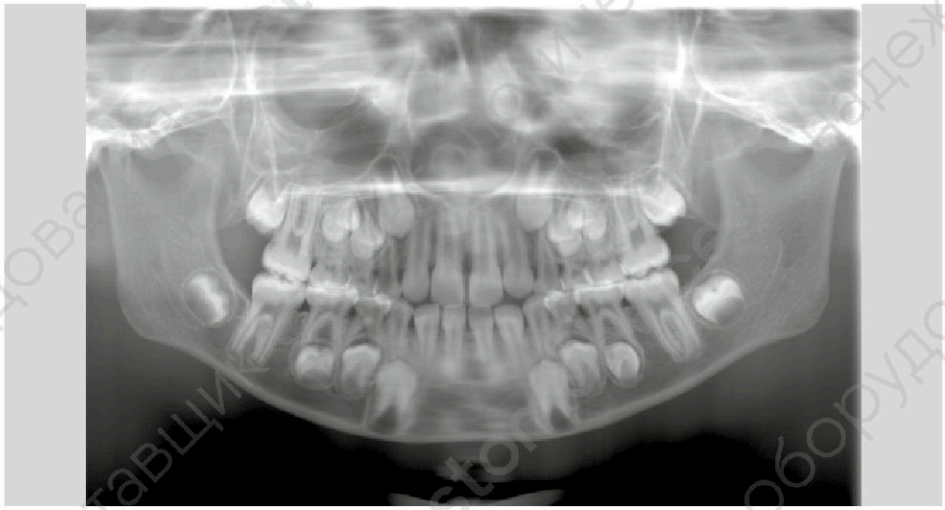
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Panoramic



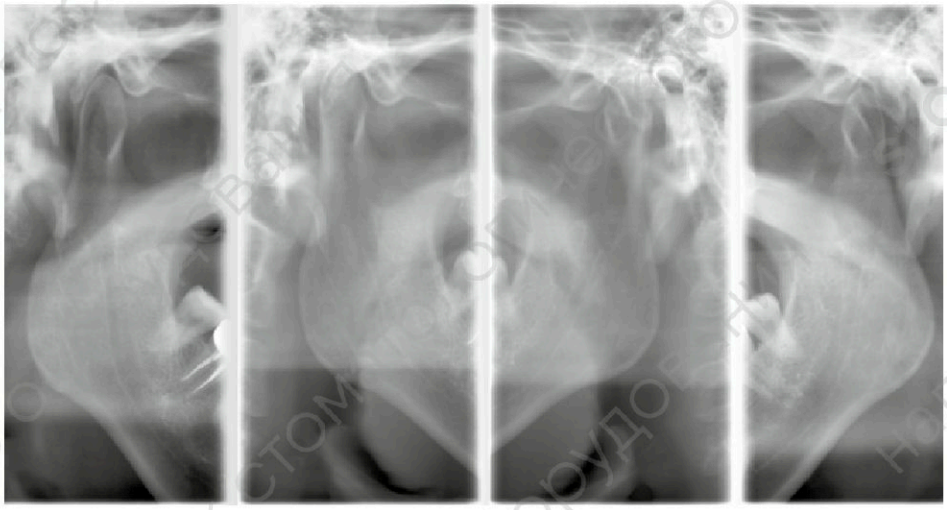
Standard Panoramic

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 separate shots of condyle fit onto one image. In each case, two sets of rotation for left and right condyle head for open and closed condition.

Clinical images provided by: Dr. Bruno Azevedo, Director of Radiology and Imaging Sciences, University of Louisville School of Dentistry and Kitasenju Radist Dental Clinic, i-View Imaging Center, Japan.

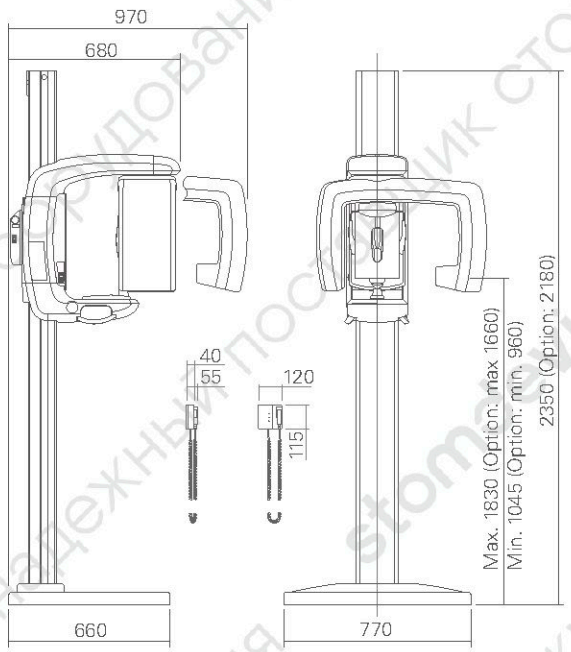
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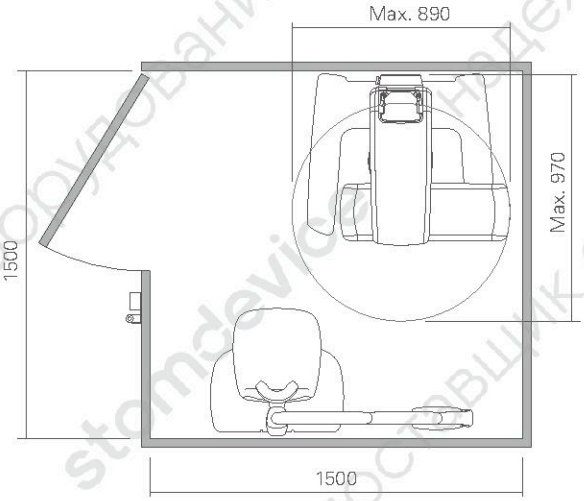
Specifications

Trade name:	Veraview IC5 HD
Model:	XDP1
Input voltage:	EX-1: AC 100V/115V/120V 50/60 Hz EX-2: AC 220/230/240V 50/60 Hz
Power consumption:	0.85 kVA
Dimensions	
Main unit:	W 890 x D 970 x H 2350
Weight:	Approx. 110 kg
X-ray generator	
Tube voltage:	60-70kV (depending on exposure mode)
Tube current:	1-7.5mA (depending on exposure mode)
Effective focal spot:	0.5 mm
Panoramic image	
Exposure time:	High speed mode: Approx. 5.5 sec. High definition mode: Approx. 10 sec.
Imaging programs:	Standard Panoramic Pedodontic Panoramic TMJ Quadruple Image

- Always have patients wear X-ray protective gear.

(Unit: mm)







Small Base



Standard Base

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Diagnostic and Imaging Equipment

Treatment Units

Handpieces and Instruments

Endodontic System

Laser Equipment

Laboratory Devices

Educational and Training Systems

Auxiliaries

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