



Veraview IC5 HD

High definition, digital imaging excellence

 J. MORITA MFG. CORP.

Thinking ahead. Focused on life.


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IC5 HD – Super High-Speed with High Definition Clarity

For dental radiology image clarity and detail are of the essence to make a correct diagnosis. The Veraview IC5 HD is the next generation panoramic x-ray machine that will give you digital exposures with outstanding image clarity, contrast, and resolution at a super high speed. The super high speed exposure takes only 5.5 seconds and therefore gives the patient a very low dose. The super high speed mode in combination with the new high definition mode will fill all your panoramic imaging needs.

Equipped with cutting-edge technology, like automatic exposure control and automatic image enhancement, and efficient positioning aids, dental imaging has never been easier.

The Veraview IC5 HD forms a harmonious balance between user-friendly handling and technological innovation, allowing you to conduct examinations efficiently without any sacrifice.

Features at a glance:

Industry-best exposure time*

Extremely fast 5.5 second panoramic with significantly lower dosage.

High definition

New and improved definition of 96 μm (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 required.

Low power consumption,

lightweight and compact design.

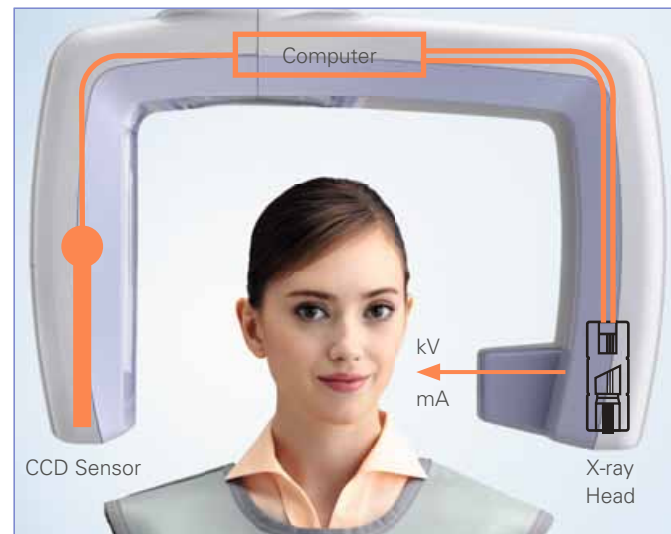
* as of January 2010

High-quality images

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.

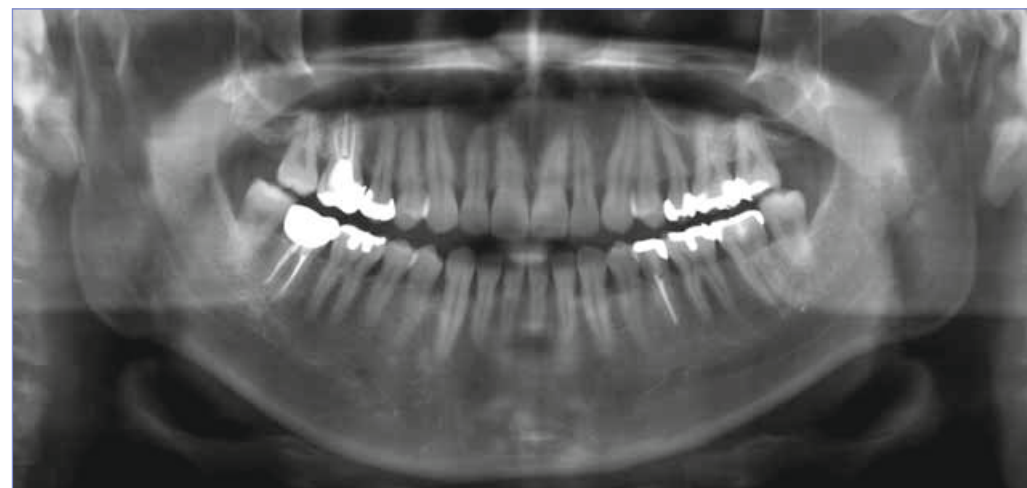
There is no need to set tube voltage or current. Auto exposure (DDAE) provides the optimum exposure conditions with a maximum tube current of 7.5 mA.



High speed

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

High speed:
only 5.5 seconds, 192 μ m,
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 seconds exposure, 96 μ m

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

Quick & easy patient positioning and operation

Power-assisted lift makes patient positioning easier than ever no need to set tube voltage and current.



Power-assisted movement

The motor-assisted lift system with slow-start and slow-stop function provides the easy and accurate height adjustment. The overload detector will automatically halt the elevation for the patient safety.



Triple laser beam for easy positioning

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

Direct current for optimum 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 HD is narrower. The image has a wider image layer, providing greater detail.



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.



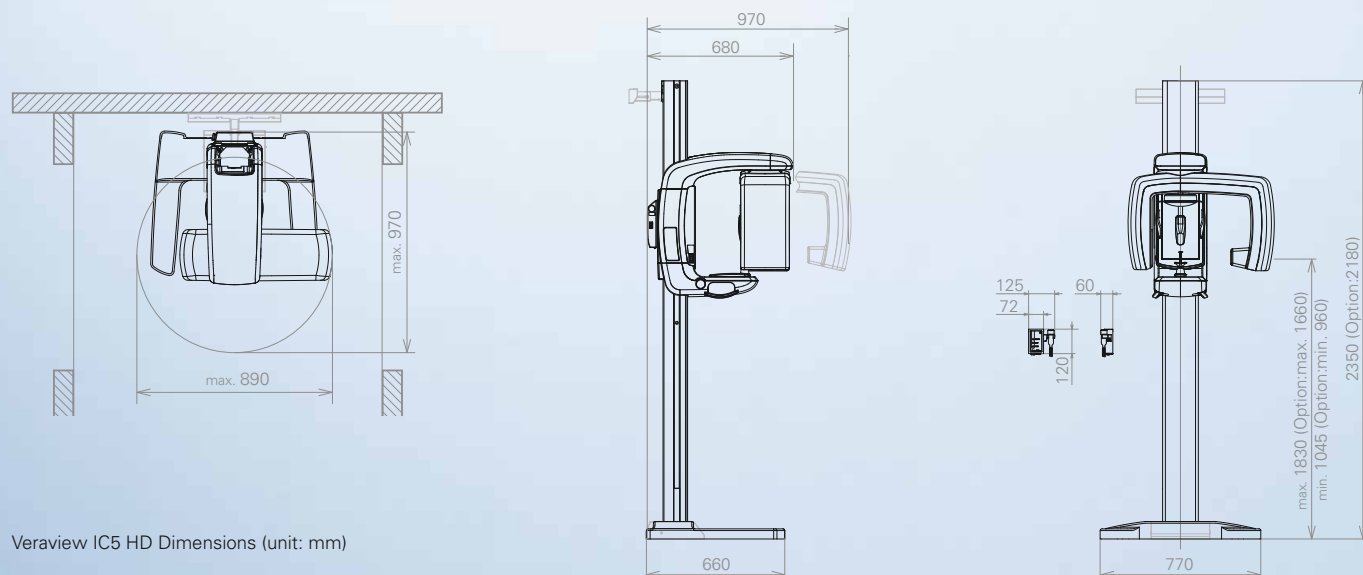
Manually adjustable bite block/ chinrest for the patient positioning.



Chin rest cup is available for patients with TMJ disorder.

Specifications and dimensions and patient communication features

Veraview IC5 HD · Specifications	
Trade name	Veraview IC5 HD
Model	XDP1
Input voltage	AC100 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	High speed mode: 5.5 sec./192 μm High-definition mode: 10 sec./96 μm
Light beams	Mid-sagittal plane, Frankfurt plane Image layer light beam
Emission switch	Deadman type
Outer dimensions	
Body dimension	W 890 x D 970 x H 2350 mm
Control box dimension	W 125 x D 60 x H 120 mm
Required installation area	0.86 m ² (8.7 sq. ft.)
Weight	Approx. 110 kg (242.5 lb.)

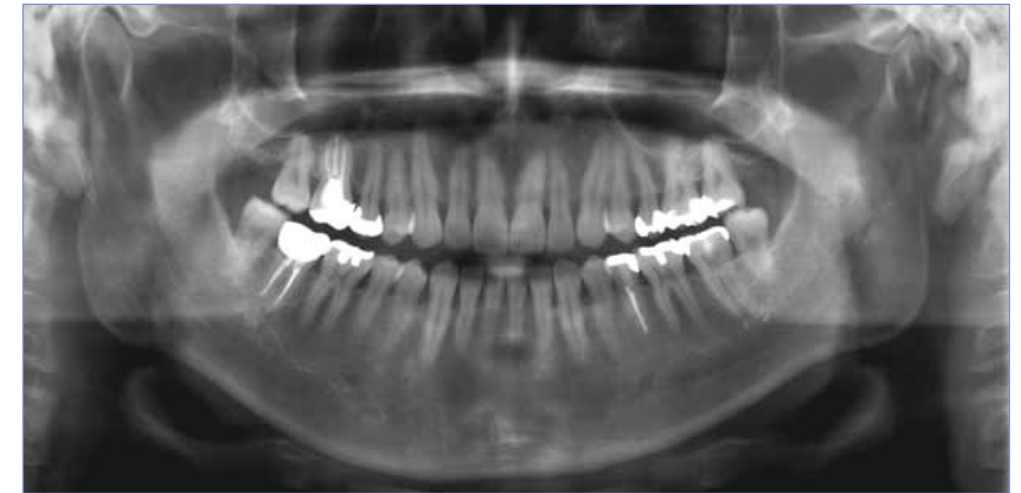
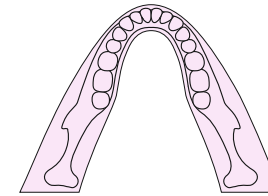


Veraview IC5 HD Dimensions (unit: mm)

High-quality images

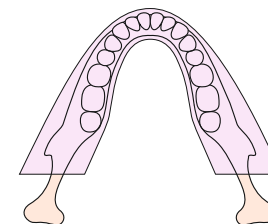
Standard panoramic

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.



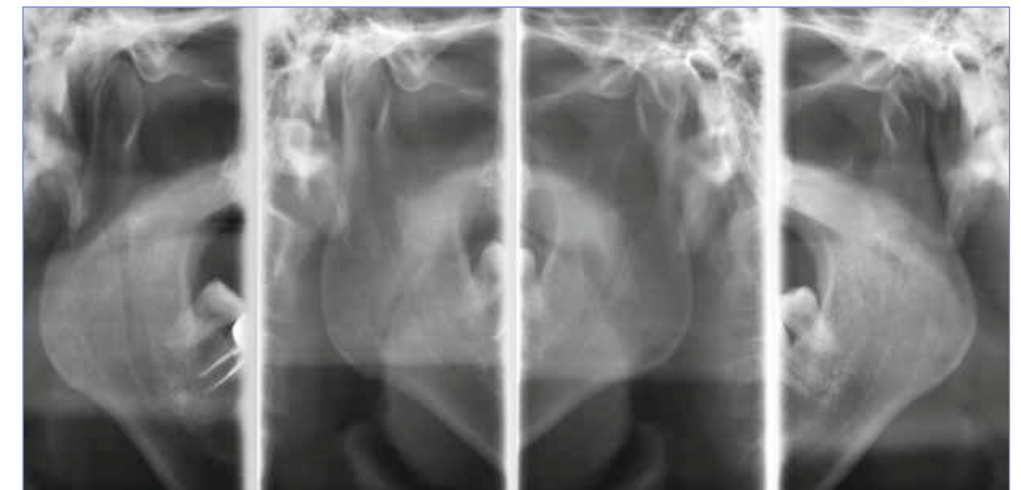
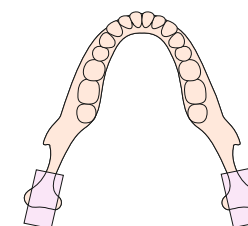
Pedodontic panoramic at reduced radiation

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.



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The slogan of Morita literally accompanies us in our decisions. Characterized by Japanese roots, we are setting forth the tradition of working to precision under highest quality demands. This is reflected in the complete product portfolio and shows that each individual product has been thought through in the finest detail. The art of manufacturing high-performance and sophisticated products has been used to considerable benefit by Morita in the course of the company's history and has enabled Morita to establish itself as one of the leading manufacturers of medical-technical products.

Our passion for perfection is a guarantee for comfort and efficiency in the day-to-day running of a doctor's practice. A precondition for this is that we know what users need and that is exactly why working in cooperation with them as partners is so important to us. This provides us with a precise idea of their specific needs and we use this as a starting point in order to create practical innovations. In doing so, we are permanently thinking beyond our own limits and develop new ideas in order to set new trends.

Diagnostic/Imaging Equipment

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Distributed by

J. MORITA EUROPE GMBH

Justus-von-Liebig-Strasse 27A
D-63128 Dietzenbach, Germany
Tel: +49-6074-836-0, Fax: +49-6074-836-299
<http://www.jmoritaeurope.com>

Developed and manufactured by

J. MORITA Mfg. Corp.

680 Higashihama Minami-cho, Fushimi-ku, Kyoto,
612-8533 Japan
Tel: +81-75-611-2141, Fax: +81-75-622-4595
<http://www.jmorita-mfg.com>