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ORIX HF Advantage

High frequency intraoral X-ray system



The newest technology at your service



Thanks to a small focal spot, **Orix HF Advantage** produces superior quality images whether you are using film, phosphor plates or digital sensors.

Details are sharper and more defined so that it is easier to spot even the smallest differences for a quicker identification of pathologies.

The low weight of the head and its flexibility make of **Orix HF Advantage** an highly versatile X-ray machine.

The boundary radiation system of the beam provides a focal distance of 20 cm. but it is embedded in the structure of the tubehead, enhancing the compactness of the unit.

Orix HF Advantage is available as stand fixed, stand mobile and wall mount with horizontal arms of 50 and 90 cm to cover a variable distance from 1,65 m to 1,98 m.

The newest technology at your service


Orix HF Advantage units are managed by the new Ardet's timer, that with its simple and intuitive controls and its large screen, displays clearly all technical information providing a precious help in every situation with the highest patient's health safety standard.

With **Orix HF Advantage** X-ray unit it is possible to use either the short cone (20 cm) imaging technique or the long cone (30 cm) imaging technique.

In addition, you can adjust the cone with a further rectangular collimator to maximize radiation safety.

The unit arms in extruded aluminum are light and solid, and make the unit extremely stable and secure, assuring a precise linear movement that can reduce the risk of vibration of the head during image acquisition.





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Technical Data

Electrical features

Power supply 120 - 230 V \pm 10%

Frequency 50/60 Hz.

Current 2,5 A

Tubehead features

Total filtration > 2 mm Al eq.

Min. focus skin distance 200 mm

Irradiated area @ 200 \varnothing 55 mm

Leakage @ 1 m < 0,25 mGy/h

X-ray tube features

Tube CEI OX 70-P

Focal spot 0,8 mm

Anode material Tungsten

Radiological features

High tension 60 - 65 - 70 kVp

Anodic current 7 mA

Exposure time 0,01 - 2,00 s

Duty cycle 1:60

Control logic Deadman

Mechanical features

Extention arm 500 - 900 mm

Max. extention 1980 mm

CE₀₀₅₁



ARDET Dental & Medical Devices S.r.l. is an Italian leader company in engineering, producing and furnishing high technology dental and medical devices. Our quality management system in accordance with ISO 9001 and EN ISO 13485 standards guarantee a careful control of the internal processes and the absolute reliability of our products by focusing our attention on the physician practical work.

