Technical Data

Electrical features

Power supply 120 - 230 V ± 10% Frequency 50/60 Hz. Current 5 A

Tubehead features

Total filtration > 2,1 mm Al eq. Min. focus skin distance 200 mm Irradiated area @ 200 Ø 55 mm Leakage @ 1 m < 0.25 mGy/h

X-ray tube features

Tube CEI OX 70 - 4 Focal spot 0,4 mm Anode material Tungsten

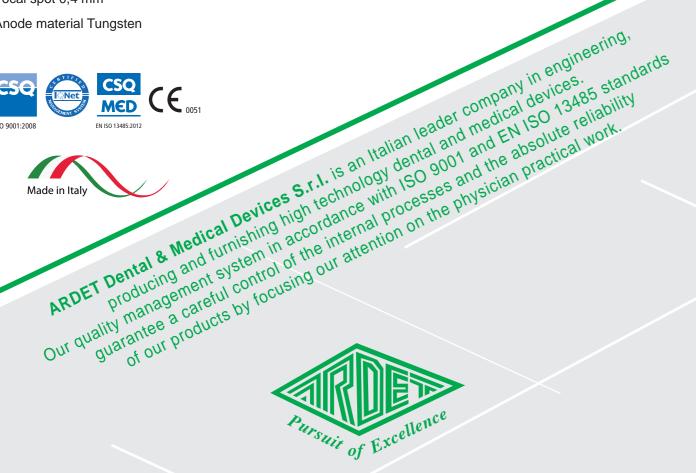


Radiological features

High tension 60 - 65 - 70 kVp Anodic current 5 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



ARDET Dental & Medical Devices Srl

Via Galvani, 15 - 20090 Assago (MI) Italy Tel +39 02 944 35 294 - Fax +39 02 944 35 296 ardet@ardetsrl.com - www.ardetsrl.com

ursuir of Excellence

ORIX HF Plus

High frequency intraoral X-ray system



Best image quality ever

ORIX HF Plus

High Frequency

Lower dose for the patient, higher definition for the physician.

Design

A new design concept to speed up the dental cabinet workflow.

Ergonomic Extremely easy, intuitive and safe.

Best image quality ever

Accurate, reliable and ergonomic Orix HF Plus is the new Ardet's high frequency X-ray generator designed to provide user friendly operational function, the best performance and the longest lifetime.

Innovative design solutions and advanced technologies combine to provide dentistry professionals a highly accurate and reliable instrument.

Developed by Orix 70 manufacturers, standard unit in terms of quality and reliability in conventional technology, Orix HF Plus exploits the high frequency constant potential technology to grant short exposures, a significative dose reduction for the patient and sharp, repeatable, high quality radiographic images.

Orix HF Plus 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 highet patient's health safety standard.

With Orix HF Plus 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 rectangualar collimator to maximize radiation safety.

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



Thanks to a small 0,4 mm focal spot, Orix HF Plus 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 phatologies.

> > The low weight of the head and its flexibility make of Orix HF Plus 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 Plus 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.