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ORIX 70 New Edition

Intraoral X-ray system



The classy choice



The high tension of 70 kV, the X-ray tube grid type with small focal spot together with the Ardet X-ray controls with centesimal exposure time regulation, allow to work either with films, phosphor plates or the modern digital systems.

The operator interface panel includes all the controls and the led indicators of the activated settings.

The panel is intuitive as a result of its especially developed graphic design.

Operating modes:

Manual mode with unrestricted exposition time configuration.

Anatomy mode applying stored settings depending on patient's size, receptor, kind of tooth.


The automatic selection of exposure times, set by the microprocessor as a function of the tooth, the size of the patient and the sensitiveness of the X-ray film, can subsequently be modified through manual buttons to better adjust the density of the film according to the particular demands of the operator.

In digital selection, the X-ray control is set to operate in combinations with the modern digital systems with a reduction of the exposure time of approximately 80%.

The mechanical structure of the system in alluminum extruded, combines a modern and alluring shape to the lightness and strenght of the material, that well introduce itself in furnishing the modern dental cabinet.

Excellent maneuverability and stability, extensive vertical and horizontal scope grant an easy positioning without vibrations in all situations.

The unit is available as stand fixed to the floor , stand mobile or wall mount versions.



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Technical Data

Electrical features

Power supply 230 V \pm 10%

Frequency 50 Hz.

Current 6 A

Tubehead features

Total filtration > 2 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 OCX 65 G

Focal spot 0,8 mm

Anode material Tungsten

Radiological features

High tension 70 kVp

Anodic current 8 mA

Exposure time 0,06 - 2,00 s

Duty cycle 1:60

Control logic Deadman

Mechanical features

Extension arm 500 - 900 mm

Max. extension 1980 mm

CE₀₀₅₁



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