

SYSTEM SUPPLY		
Supply Voltage	AC100-240V	
Frequency	50/60Hz	
Electric current	2.7 A @ 240V , 6.4 A @ 100V	
Max Power Consumption	640VA (3 AT fuse)	
X-RAY GENERATOR		
Tube Voltage	60 kVp ± 8% - 65 kVp ± 8% - 70 kVp ± 8%	
Frequency	75 kHz	
Anodic current	7 mA ± 10%	
Output radiation linearity	<0.2 according to IEC 60601-2-63	
Duty cycle	1:30	
Nominal Power	490 W (70 kVp - 7 mA)	
Total filtration	1.5 mm Al eq. @ 70 kVp	
Focal spot	0.4 mm (IEC 60336)	
Leakage radiation at 1 m	<0,1 mGy/h)	
Max thermal capacity of monoblock	130J (convection oil bath cooling)	
Distance focus to skin	20 cm	
Beam diameter X Ray at 200 mm	60mm (optional 36 x 45 rectangular collimator)	
X-RAY TUBE		
Manufacturer	Canon	Skan X - CEI (Italy)
Model	D-045	0X70-4
Inherent filtration	< 1 mm Al eq.	0.5 mm Al eq.
Filament current	Max. 3 A	1.5 - 2.1 A
Focal Spot	0.4 IEC 60336:2005	
Target material	Tungsten	
Max nominal voltage	70kV	



RiX70 DC
High frequency intraoral
X-Ray generator

INSIDE RiX70 DC



AUTOMATIC VOLTAGE TRANSFORMER

RiX70 DC appropriately works in a range of 100 to 240 V. The electrical system automatically detects the power wattage, allowing a safe and proper functioning with every voltage.

0.4 MM FOCAL SPOT

The base for an accurate diagnostic is a good image. RiX70 DC with focal spot 0,4 mm gives you incredibly clear images with a high contrast range.

REDUCTION OF RADIATION DOSE

The high frequency generator allows radiation stability eliminating the soft radiation that does not produce images but can be harmful for the patient.

TUBE VOLTAGE SELECTOR

RiX70 DC operates either 60, 65 or 70 kV allowing to reach excellent results to satisfy your needs: Voltage 60 kV for caries detection or periodontal applications; 70 kV for endodontic applications, including visualization of canals, detection of root fractures and diagnosis of periapical lesions due to pulpal inflammation.

AUTOMATIC SETTING OF EXPOSURE TIME

From 0.01 to 2.0 seconds, depending of the patient and tooth characteristics.

MODERN DESIGN FOR PRACTICAL OPERATION

- Compact and light tubehead.
- Steady and strong support arm.
- Hand switch with 3 mt coiled cord.
- Additional keypad installed near the tube head, for manual adjustment of the exposure time and tooth type.
- Easy-to-read main control panel, with quickly identifiable icons.
- Easy and fast installation system.
- Available in wall mounted and mobile version.
- Length of the arm 60 and 80 cm.



WALL MOUNTED



MOBILE