



X - R A Y D E V I C E

Leadex70

W O R L D W I D E



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Leadex70

The Leadex70 is designed for all needs of intraoral dental radiology in the modern dental practice. Integrated directly at your Ritter dental unit, Leadex70 is a flexible, fast and safe solution to produce an excellent small x-ray image chairside. Compatible with standard films and digital x-ray sensors, it guarantees sharp and high-contrast images at an attractive price.

The control unit is easy and intuitive to use. It can be mounted directly on the wall in the treatment room or in a side room (cables from the unit in the ground). The x-ray procedure is effected via the control panel or via the included remote control unit.

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Technical Data

Leadex70 – analog and digital intraoral x-ray

	AC	DC
Supply voltage:	115V; 220V; 230V ±10%	230V; 115V ±10%
Mains frequency:	50/60 Hz	50/60 Hz
Apparent impedance of the line:	0.5 Ohm; 0.2 Ohm	0.5 Ohm; 0.2 Ohm
Rated current:	3,5A; 5,7A	5,2A; 9,5A
Fuse:	F 8A-250V; F 12,5A-250V	F 8A-250V; F 12,5A-250V
Focal spot size:	0.7	0.7
Plug connection:	coaxial plug, free	same as AC
High Voltage Potential:	70 kV	60/70 kV
Nominal anode current	8mA	4mA/8mA
Duty Cycle:	1:32	1:32
Total Filtration:	2.3 mm Al	2.4 mm Al
Half value layer:	2,0 mm Al@70 kV	2,2 mm Al@70 kV
Leakage radiation:	< 0,25 mGy/h	< 0,25 mGy/h
Exposure time:	0,08–3,2s (17 Steps)	0,02–3,2s (23 Steps)
Total weight:	19,5kg	19,5kg

AC/DC

Beam limiting device

Output section:	round; rectangular
Focus skin distance:	20 cm; 31 cm
Mounting System:	Wall /Mobile/Unit mounting
Extension arms:	41, 82 und 110 cm
Useful reach:	143 cm with 41 cm external arm 184 cm with 82 cm external arm 212 cm with 110 cm external arm

