

# Leadex 70

## The Ritter® X-ray machine

X-ray device for excellent diagnostics, available as unit-mounted, wall-mounted or mobile version.

The Leadex 70 is designed for all needs of intraoral dental radiology in the modern dental practice. Integrated directly at your Ritter dental unit, Leadex 70 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.

Available as AC/DC version.



# Leadex 70

## The Ritter® X-ray machine

- X-ray for perfect diagnosis
- Flexible unit, wall mounted, unit mounted or as mobile version available
- Easy intuitive handling with remote control
- Proven and reliable dental X-ray solution



### Technical specifications

- Intraoral X-ray for analog and digital X-ray

#### Tube head:

Voltage:	220; 230 VAC +10% -5%
Frequency:	50/60 Hz
Mains resistance:	0.5 Ohm
Current:	3.5A; 3.2A
Fuse:	6,3AF
Focal spot:	0.7
Connection:	coaxial plug, free rotation in horizontal plane
High Voltage Pot.:	70 kVp ± 10% @ nominal mains voltage
Anodic Current:	8 mA ± 10% @ nominal mains voltage
Duty Cycle:	1:32
Inherent Filtration:	2.0 mm Al
Half layer value:	Approximate 2.0 mm Al @ 70 kVp
Radiation leakage:	< 0,25µGr @ 1 m
Exposure time:	0,08s-3,2s

#### Beam limiting device

Output section:	round ; rectangular
Focus Skin Dist.:	20cm; 30 cm

#### Mounting

System:	Wall mounted / Mobile
Extension arms:	41, 82 and 110 cm
Useful reach:	143 cm with 41 cm ext. arm 184 cm with 82 cm ext. arm 212 cm with 110 cm ext. arm

#### Environmental data

Temperature:	from 5° to 40 °C
Temperature:	from -15° to +50 °C
Relative humidity	from 25% to 75%

