

astroforxray.co.uk

Suppliers of diagnostic X-ray equipment to the
veterinary profession.

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Top 15 hf ar



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X-Ray generator

- ± high frequency monobloc generator
- ± max power 15kW
- ± max voltage 125kV
- ± frequency 16kHz
- ± kV ripple <2%
- ± monobloc thermal capacity 762kHU

X-Ray tube

- ± dual focus rotating anode
- ± focal spot sizes 0,6 and 1,3mm
- ± anode rotation 3000 rpm, anode diameter 64mm
- ± anode material RTM
- ± thermal capacity 107kHU
- ± anode angle 15°
- ± anode continuous max thermal dissipation 300W

Control console

Microprocessor controlled console and circuitry with digital displays of all radiographic parameters

• operational modes:

- ± 3 - point operation (kV, mA, s)
- ± 2 - point operation (kV, s) with display of mAs
- ± anatomical programming with 12 stored techniques
- ± possibility to light on the collimator lamp from the console
- ± ability to connect a Potter-Bucky
- ± ability to connect an AEC

• kV selection

- ± 38 to 125kV in 1kV steps

• mA selection

- ± 8 values 25-50-75-100-125-150-175-200mA

• exposure time

- ± 48 values from 0,003 to 5s
- ± mAs values from 0,2 to 190mAs

• exposure controls

- ± X-Ray 'prep' and 'expose' push buttons on the control console
- ± two-stage X-Ray push button with extending cable (up to 4m)

• safety and protection

- ± automatic control and protection of the filament current
- ± protection against over current and over voltage

- ± X-Ray tube overload protection
- ± error code indication and fault diagnosis

• mains power requirements

- 230V +/-10% , 50/60Hz
- maximum 16A
- ± total resistance line 0,4 &

Weight and dimension


- ± control console 78kg 29,5x40,5x95,5(h)cm
- ± monobloc 27kg 18x38x29,6(h)cm

Collimator (option)

- Manually operated collimator with field adjustment from 0x0 to 43x43cm at 1m focal distance (FFD). 100W, 160lux at 1m, high intensity light for simulation of the X-Ray field with push button switch on and automatic switch off after 30s
- ± retractable tape measure for ensuring the correct FFD
 - ± collimator rotation with detents at 90° intervals
 - ± minimum focus - skin distance of 30cm (option)

technical data
subject to change
without prior notice

0051

 93/42/EEC
directive
II b class



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