

→ **Especially recommended for the requirements of the equine practice**

Brief description

- Powerful high frequency X-ray unit with full wave inverter system
- Only 6500 g at reduced size
- Serial interface for connection with digital radiography system
- Low line voltage mode ensures reliable performance between 130 - 260 V
- GIERTH TR technology meets the radiation protection standards of tomorrow already today
- Innovative impact resistant construction reduces the risk of X-ray tube damage e.g. after a horse kick
- Activation of collimator light by hand switch
- Dual laser pointer for indication of central beam and SID eliminates guesswork in positioning
- Collimator with scale for pre-setting the light field format
- Digital and setting display of mAs, sec., kV
- LED display "X-RAY", "READY", "ERROR", "Low Voltage"
- 5 memory buttons
- Acoustic and optical trigger signal
- Tape measure for SID
- Aluminium casing with reinforced edging

GIERTH TR 90/30

Maximum power - minimum size and weight

Specifications

Construction: Monobloc high frequency generator full bridge inverter system impact resistant construction can be used on any wall outlet (16 A)

Output in

2-kV steps: 40-60 kV = 30 mA (max.)
62-70 kV = 25 mA (max.)
72-80 kV = 20 mA (max.)
82-90 kV = 15 mA (max.)

X-ray tube: XDT-F80

Focus: 0.8 mm

Timer: digital, from 0.02-2.0 sec.

Total filtration: 2.7 mm Al (incl. Collimator)

Inverter frequency: 100 kHz, full bridge inverter system

Line adjustment: automatic

Line voltage : AC single phase, 130-260 V, 50/60 kHz, 16 A, low line voltage mode

Overload

protection: for high frequency transformer and X-ray tube

Power requirement: 1.8 kVA

Dual laser pointer: 2 x class IIIa laser diodes, 12V DC

Serial interface: for connection with digital radiography system

Weight: 6.5 kg incl. collimator and dual laser

Dimensions: L 300 mm, W 188 mm, H 172 mm (without handle)



- **The newest generation of X-ray units weighing only 6500 g**
- **Higher penetration power for animal radiology**

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Maximum power - minimum size and weight



TR 90/30



Carrying case (incl.)



Specifications subject to revision without notice

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