

For use in veterinary medicine  
and NDT sector

Order No. AP2300

## Small, powerful high-frequency X-ray unit **Gierth TR 90/30**

### **Maximum power - minimum size and weight:**

The small, very light TR 90/30 takes high-quality X-rays and is supplied in a practical transport case. The user-friendly operation and the integrated interface for using the X-ray machine with a digital system make it a popular device for mobile and stationary radiography. The TR (Tough Ray) device also has a "low line voltage" function that easily compensates for current fluctuations. The housing transmission radiation is significantly below the legally prescribed limit value. The TR 90/30 has a 2-stage power burst system, which is capable of representing bone and soft tissue structures equally in the highest quality.

- High-frequency X-ray generator with full bridge inverter system
- Only weighs 6.5 kg
- Serial interface for connecting with digital radiography systems
- Scaled collimator to adjust the size of the light indicator field
- Light field indicator can be activated via the hand switch
- Acoustic and optical timer signal and much more



# Small, powerful high-frequency X-ray unit **Gierth TR 90/30**

## Scope of delivery

- X-ray machine TR 90/30
- Aluminum carrying case
- 2-stage hand trigger switch

## Short description

- High-frequency X-ray generator with full bridge inverter system
- Only weighs 6.5 kg
- Serial interface for connecting with digital radiography systems
- Collimator with scale to adjust the size of the light field indicator
- Light field indicator can be activated via the hand switch
- Acoustic and optical timer signal
- 5 memory buttons
- Dual laser pointer
- Digital display „X-RAY“, „READY“ and „ERROR“
- Tape measure for film-focal spot distance
- Aluminium casing
- Robust and innovative impact-resistant construction

## Technical Specifications

Inverter frequency	100 kHz
Power requirement	1.8 kVA
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 – F90
Focal spot	0.8 mm x 0.8 mm
Weight	6.5 kg including collimator
Dimensions L x W x H	300 mm x 188 mm x 172 mm
Total filtration	2.7 mm Al

Please visit [www.or-technology.com](http://www.or-technology.com) for more details

### Specifications subject to revision without notice

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