

For use in veterinary medicine,
NDT and security sector

Order No. AP2200

Small, battery- operated X-ray unit **Gierth** **TR 90/20 Battery**

Unrestricted freedom for X-raying:

The GIERTH TR 90/20 Battery guarantees unlimited mobility and is the ideal companion for outdoor X-ray applications. With a fully charged battery, you can take up to 300 X-rays completely of grid. A serial interface for connecting to the digital system and easy operation are additional advantages of this X-ray unit. The GIERTH TR 90/20 Battery is delivered in a practical carrying case.

- Battery operated HF X-ray unit with pulse frequency modulation
- Total weight: 6,800 g (battery included)
- Fully charged battery allows up to 300 exposures
- Operator-friendly due to a centered balance point
- Innovative impact resistant construction
- Approx. 240 minutes charging time
- Serial interface for connecting to the digital system (optional)
- Light visor with scale for format adjustment and spirit level and much more



Small, battery-operated X-ray unit Gierth TR 90/20

Scope of delivery

- X-ray machine TR 90/20, including 2 x battery
- Aluminium carrying case
- 2-stage hand trigger switch

Short description

- Battery-powered high-frequency X-ray apparatus
- Only 6.8 kg
- Fully charged battery allows up to 300 shots
- User-friendly centre of gravity
- Approx. 240 minutes charging time
- Serial interface for connection to the digital system (optional)
- Light field indicator with scale for format adjustment and spirit level
- Light field indicator can be activated via manual release
- Battery status indicator
- Acoustic and optical signal when triggered
- 5 Memory - Function keys, dual laser bearing
- Digital display of "X-RAY", "READY" and "ERROR"
- Tape measure for film focus distance measurement
- Aluminum casing

Technical Specifications

Inverter frequency	100 kHz
Power requirement	1.35 kVA
Output in 2-kV Steps	40 – 60 kV = 20 mA (max.) 62 – 80 kV = 15 mA (max.) 82 – 90 kV = 10 mA (max.) 82 – 90 kV = 15 mA (max. in High Power mode)
X-ray tube	Toshiba D - 0814
Focal spot	0.8 mm x 0.8 mm
Weight	6,8 kg including collimator
Dimensions L x W x H	265 mm x 220 mm x 180 mm
Total filtration	2.7 mm Al

Spare battery optionally available

Please visit www.or-technology.com
for more details

Specifications subject to revision without notice

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Battery [with charging station]

