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OR Technology
Digital X-ray and Imaging Solutions

Order No.
TR 90/20 Battery

Product•Information

# **GIERTH TR 90/20 Battery** - Battery operated
## New design - maximum power

Especially recommended for the requirements of an equine practice

### Brief description:

- Battery operated HF X-ray unit with pulsefrequency modulation
- Total weight: 6800 g (battery included)
- Operator-friendly due to a centeredbalance point
- Innovative impact resistant construction
- DR interface for the connection with digital systems
- Latest Toshiba tube up to 90kV High Power mode (HP)
- Technology meets the radiation protection standards of tomorrow already today
- Activation of collimator light by hand switch
- Collimator including format preadjustment, dual laser pointer and spirit level
- Digital display and adjustment of mAs, sec., kV
- Display of battery charging status
- High-capacity Li-ion battery for about 300 exposures per charging
- Charging time: 240 minutes LED display "X-RAY", "READY" and "ERROR"
- 5 memory buttons
- Acoustic and optic signal during exposure

**Construction:**
battery operated, pulse-frequencymodulation high frequency generator impact resistant construction
**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. HP mode)
**X-ray tube:**
Toshiba D-0814
**Focus:**
0.8 mm
**mAs:**
0.15  30 mAs
**Timer:**
digital, from 0.01-1.0 sec.
**Total filtration:**
2.7 mm Al (incl. collimator)
**Inverter frequency:**
100 kHz, full bridge inverter system
**Power requirement:**
1.35 kVA
**Dual laser pointer:**
2 x class IIIa laser diodes, 12V DC
**Serial interface:**
DR RJ45 connector
**Weight:**
6.8 kg incl. collimator, dual laser and battery
**Dimensions:**
L 265 mm, W 220 mm, H 180 mm

**Battery:**
Battery model: Lithium-ion battery
Charging time: 240 minutes
Line voltage : AC single phase, 130-260 V, 50/60 kHz

- **battery operated, lightweight X-ray unit (only 6800 g)**
- **the completely charged battery allows about 300 exposures**

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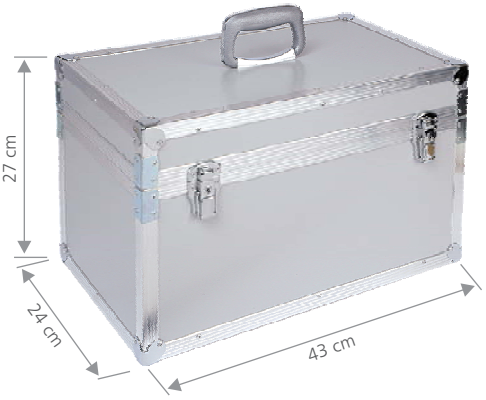
## Dimensions


Carrying case (incl.)




Battery charger with battery

**Specifications subject to revision without notice**
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