

→ Especially recommended for  
the requirements of an equine  
practice

#### Brief description

- Battery operated HF X-ray unit with pulse-frequency modulation
- Total weight: 6800 g (battery included)
- Operator-friendly due to a centered balance 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 pre-adjustment, 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

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

### Specifications

**Construction:** battery operated, pulse-frequency modulation 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

**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

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

TR 90/20 Battery



Battery charger with battery



**Specifications subject to revision without notice**

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