

GIERTH TR90/20 Battery

The feathery, wireless power pack with rotatable collimator

Specifications

Construction:

- Battery operated, pulse-frequency modulation high frequency generator and impact resistant construction
- Can be charged at any socket outlet (with 16 A fuse protection)

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.; High Power)

X-ray tube: D-0814
Focus: 0.8 mm x 0.8 mm
mAs: 0.2 – 20.0 mAs
Timer: digital, from 0.02 – 1.00 Sec.
Total filtration: $\geq 2.5 \text{ mmAl}$ (@ 76kV)
Weight: 7.3 kg incl. collimator and dual laser and battery

Inverter frequency: max. 150 kHz, full bridge inverter system

Power requirement: 1.35 kW

Serial interface: for connection with digital radiography system RJ45

Dual laser pointers: 2x class II laser diodes, 12 VDC

Dimensions: L 260 mm, W 210 mm, H 190 mm

Battery:

Battery model: Lithium-ion battery in conformity with IEC 62133

Charging time: approx. three – four hours short charging periods possible

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

Brief description:

- Battery operated HF X-ray unit with pulse frequency modulation
- Total weight: 7.3 kg (battery included)
- Operator-friendly due to a centred balance point
- Innovative impact resistant construction reduces the risk of X-ray tube damage e.g. after a horse kick
- DR interface for the connection with digital systems
- Latest X-ray tubes up to 90kV by a company of **Canon**
- High Power mode (HP) - mA output increases from 10 to 15 in this kV range when High Power Mode is selected.
- GIERTH TR technology meets the radiation protection standards of tomorrow already today
- With rotatable collimator
- Activation of collimator light (modern, long-life and battery saving LED lamp) by hand switch
- Collimator incl. format pre-adjustment, dual laser pointer and spirit level
- Digital display and adjustment of mAs, sec., kV
- Display of battery charging status
- High-capacity Lithium-ion battery for up to 640 exposures per charging approx. three - four hours charging time
- LED display "X-RAY", "READY" and "ERROR"
- 5 memory buttons
- Acoustic and optic signal during exposure
- Aluminum casing with buffer edging



- Only 7.3 kg battery operated, lightweight X-ray unit (battery incl.)
- The completely charged battery allows up to 640 exposures.

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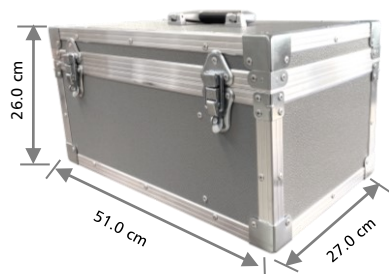
TR90/20 Battery



Battery charger with battery



Carrying case (inclusive)



Specifications subject to revision without notice

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