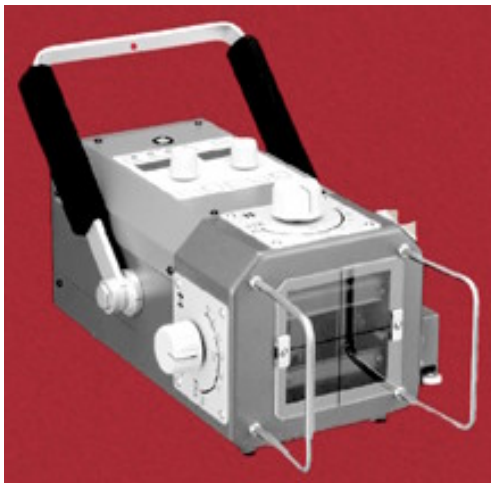


XTEND HF

PORTABLE HIGH FREQUENCY X-RAY SYSTEMS

The XTEND portable high frequency x-ray units offer the highest power-to-weight ratio available in the industry. This makes the XTEND *'the lightest unit available in its x-ray output category worldwide'*. Designed to be used anywhere a compact, lightweight, easy to maneuver x-ray system is needed the XTEND systems integrate with film, CR, and all digital imaging modalities. Automatic mAs control technique always keeps a real kV selected on the panel in order to obtain a superior image quality even at the place where a certain drop of the line voltage occurs due to electrical impedance. All systems include 8 memory settings, higher than presently available with any other system in the industry.



DIMENSIONS:

XTEND 80 HF

Size: 4.92in(H) x 5.7in(W) x 11.02in(L) or 125mm(H) x 145mm(W) x 280mm(L)
Weight: 12.5 lbs or 5.7kg

XTEND 100 HF

Size: 6.29in(H) x 6.33in(W) x 11.45in(L) or 160mm(H) x 161mm(W) x 291mm(L)
Weight: 19.4 lbs or 8.8kg

All units are available with the following options:

- Gas spring portable cart
- Rugged carrying case
- Kubscan CR scanner system with imaging plates
- Tripod stand
- Digital detector of choice with complete laptop based imaging software

SPECIFICATIONS

XTEND 80HF

Rating

- 30mA/40-42kV/0.3mAs
- 20mA/43-63kV/0.3-20mAs
- 15mA/64-80kV/0.3-20mAs*
- * Max value = 13 mAs with DR system

Generator

- 1.26kW output, inverter control

kV Setting

- 40-80kV (2kV step). Rotary switch for digital display with 7 segment LED

mAs selection

- 0.3-20mAs (32 settings)
- Rotary switch for digital display with 7 segment LED
- 0.3 – 20 mAs range (19 settings)

X-ray Tube

- Toshiba brand
- Focal spot: 0.8 x 0.8 mm
- Heat unit: 7 KHU
- Target angle: 16 degrees

Total filtration

- 2.5mm AL. eq. at 80kV

Power requirement

- AC100 – 120V / 15A or AC200 – 240V / 8A

Collimator

- 30 second timer and cross indication line.

Line Cable and Hand Switch

- Line cable: 6 meters long
- Switch: Two stage with curled cable

Ambient Conditions

- Temperature: 20°C, +/- 15°C
- Humidity: 69%, +/- 20%

XTEND 100HF

Rating

- 30mA / 40-66kV / 0.3-20mAs
- 20mA / 68-100kV / 0.3-20mAs
- 100% duty cycle

Generator

- 2kW output; inverter control

kV Setting

- 40-100kV (2kV step). Rotary switch for digital display with 7 segment LED

mAs selection

- 0.3-50mAs (32 settings)
- Rotary switch for digital display with 7 segment LED
- 0.3 – 50 mAs range

X-ray Tube

- Toshiba brand
- Focal spot: 1.2 x 1.2 mm
- Heat unit: 20 KHU
- Target angle: 16 degrees

Total filtration

- 2.5mm AL. eq. at 100kV

Power requirement

- AC100 – 120V / 15A or AC200 – 240V / 10A

Collimator

- 30 second timer and cross indication line.

Line Cable and Hand Switch

- Line cable: 6 meters long
- Switch: Two stage with curled cable

Ambient Conditions

- Temperature: 20°C, +/- 15°C
- Humidity: 69%, +/- 20%

Specifications are subject to change without notice.

Financing and Trade-In Options:

Contact us for information about our lease to own and rental options. Inquire about trading in or upgrading your existing units to digital capability.