**Mobile Radiographic Unit**

**X-RAY GENERATOR**
- High frequency monobloc generator
- Max power: 4 kW
- Max voltage: 110 kV
- Max mAs: 200 mAs
- Max current: 80 mA
- Monobloc thermal capacity: 500 kJ (676 kHU)
- Max continuous monobloc thermal dissipation: 75 W
- Frequency: 40 kHz
- KV ripple: <2 %

**X-RAY TUBE**
- Double focus
- Focal spot size: 0.6 x 1.8 mm
- Stationary anode
- Anode material: Tungsten
- Anode angle: 15°
- Anode thermal capacity: 30 kJ (41 kHU)
- Max continuous anode thermal dissipation: 250 W
- Max Voltage: 110 KV

**CONTROL CONSOLE**
- Microprocessor controlled console with 5.7" touch screen display

**OPERATIONAL MODES**
- 3 - point operation (kVp – mA – time)
  - kVp selection: from 40 to 110, 1 KV steps
  - mA selection: from 20 to 80, 7 steps
  - Time selection: from 0.002 to 5 sec, 32 steps
- 2 - point operation (kVp – mAs)
  - kVp selection: from 40 to 110, 1 KV steps
  - mAs selection: from 0.2 to 200, 25 steps
- Anatomical programming with 170 stored techniques
- 5 patient thickness compensation levels
- 3 speed reinforcement screens
- Automatic calculation tube kHU
- Ability to connect a Potter-Bucky and a measuring chamber for Dose Area Product
- RS232 outlet for software updating
- AEC Interface (optional)

**EXPOSURE CONTROLS**
- Buttons on the console and two stages X-Ray push button with extending cable (up to 4 m)
SAFETY AND PROTECTIONS
- Automatic control and protection of the filament current
- Protection against over current and over voltage
- X-Ray tube overload protection
- Error description

COLLIMATOR
- Manually operated collimator with field
- Adjustment from 0x0cm to 43x43 cm at 1 m focal distance (FFD)
- High intensity light for simulation of the X-ray field with push button switch on and automatic switch off after 30 sec
- Retractable tape measure for ensuring the correct FFD
- ± 90° collimator rotation

MOBILE STAND
- Antistatic rubber wheels
- Dead-man operated parking brake
- Variable focus-floor distance from 40 to 201 cm
- Monobloc support yoke rotation: +180° / -170°
- Monobloc rotation in the yoke: 0° / +90°
- Cassette bin for storage up to nr. 6 35x43 cm cassettes
- Maximum dimension when in transport position 104x68x158(H) cm
- Weight: 120 kg

MAINS POWER REQUIREMENTS
- Standard: single phase 230 V ± 10%
- Frequency: 50/60 Hz
- Current consumption: 16 A max
- Optional: single phase 115 V
- Line resistance 0.40 Ohm

Technical data subject to alteration without prior notice