**X-ray generator**
- High frequency monobloc generator
- Max power 30 kW
- Max voltage 125 kV
- Max current 400 mA
- Monobloc thermal capacity 570 kJ (762 kHU)
- Max continuous monobloc thermal dissipation 150 Wh
- Frequency converter 32 kHz
- KV ripple ≤1%

**X-ray tube**
- Dual focus rotating anode (3000 rpm/m)
- Focal spot size 0.6 -1.3 mm
- Anode material RTM
- Anode angle 15°
- Anode thermal capacity 80 kJ (107 kHU)
- Max continuous anode thermal dissipation 300 W

**Control console**
- Microprocessor controlled console with LCD display, 4 lines x 20 characters

**Operational modes**
- 2 - point operation (kV, mAs)
- 3 - point operation (kV, mA - sec)
- Anatomical programming with 24 stored techniques
- Ability to connect a Potter-Bucky, an AEC and a measuring chamber for Dose Area
- Product RS232 outlet, for software updating and printer interface

**kV selection**
- 40 to 125 kV, 1 kV steps

**mAs selection**
- 0.5 to 200 in 24 steps
- mA range from 50 to 400 mA

**Exposure time**
- 32 values from 3 ms to 6.3 sec
**Exposure controls**
- X-ray “prep” and “exposure” push buttons on the control console
- 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 0x0 cm to 43x43 cm at 1 mt. focal distance (FFD)
- High intensity light, 160 lux at 1 mt., 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**
- Arm rotation +/- 90°
- Antistatic rubber frontal wheels
- Large size rear wheels, ø 43 cm
- Dead-man operated parking brake
- Monobloc support yoke rotation +/-180°
- Cassette bin for storage up to No.5 35x43 cm cassettes
- Maximum dimension when in transport position 71x117x150 cm
- Weight 150 kg

**Mains power requirements**
- Standard: single phase 230V +/-10%, 50/60 Hz, 16 A max
- Option: single phase 115 V or 240 V
- Line resistance 0.4 ohm