

# Easyslide 40



## X-ray generator

- high frequency monobloc generator
- max power 40kW
- max voltage 125kV
- max current 500mA
- max 400mAs
- frequency 40kHz
- ripple 1%
- monobloc thermal capacity 570kJ-762kHU

## X-ray tube

- X-ray tube with rotating anode 3000 rpm
- focal spot 0.75-1.25mm
- anode material RTM
- anode angle 15°
- thermal capacity 224kJ-300kHU
- continuous thermal dissipation max anode 750W

## control desk

- control desk controlled by a micro-processor with touch screen display 10,4"

## operating modalities

- 2-point technique (kV and mAs)
- 3-point technique (kV, mA, times)
- 84 programmed anatomical parts, can be re-programmed by operator
- 3 different patient sizes
- 3 speeds for supporting screens
- HU automatic calculation (thermal units of X-ray tube)
- collimator lamp ON/OFF switch also from touch screen display
- possibility to switch potter bucky ON/OFF
- RS232 output for software updating
- X-ray button with double release with extension cable up to 4 meters

## kV selection

- continuously from 40 to 125kV

## mA selection

- in 11 values from 50 to 500mA

## selection of exposure times

- in 32 values from 0.003 to 6.3s
- in 33 values from 0.001 to 6.3s (upon request)

## mAs selection

- in 27 values from 0.5 to 400mAs

## safety devices and guards

- protection and automatic control of filament current
  - protection from over current and over voltage (kV, mA)
  - protection from maximum load of X-ray tube
  - operator error or malfunctioning indication
- ## power supply

- standard voltage 230V  $\pm$  10%, 50/60Hz, 16A max
- additional voltage 240V or 1 10 V
- line resistance 0.4ohm

## collimator

- with multiple layer blades and manual control
- variable field from 0x0 to 43x43cm to a 100 cm DFF
- high intensity halogen lamp 160lux at 100cm
- ON/OFF timer of lamp at 30s
- extractible measurement tape to control DFF
- collimator rotation  $\pm$  90°

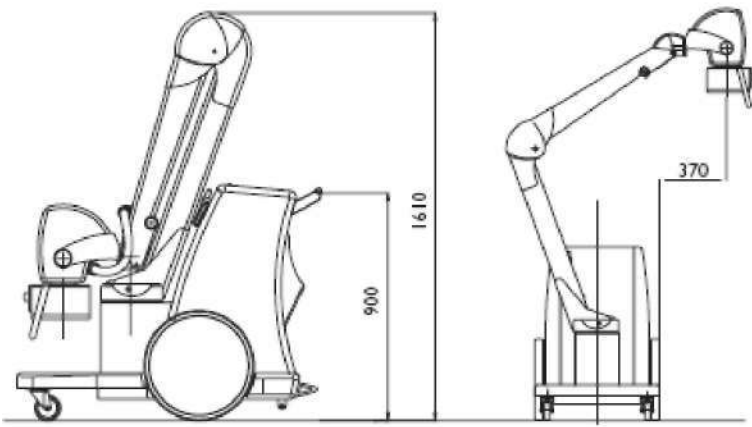
## mechanical unit

- arm rotation  $\pm$  90°
- swiveling front wheels in anti-static rubber
- big rear wheels  $\varnothing$  43,5cm
- dead-man brake system
- container for 6 X-ray cassette 35x43cm
- variable focus-floor distance 60-202cm
- rotation of monobloc supporting fork +90° / -180°
- rotation of monobloc in fork 0° / +90°
- dimensions during transportation 120x67x161 h cm

- weight 215kg

## accessories upon request

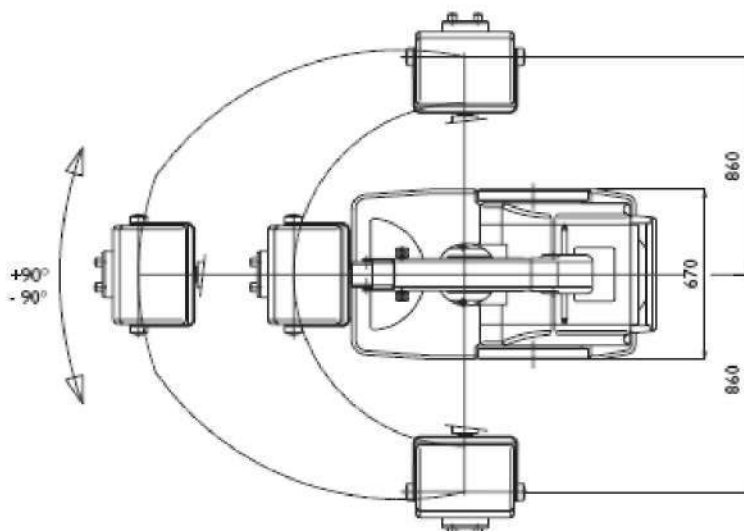
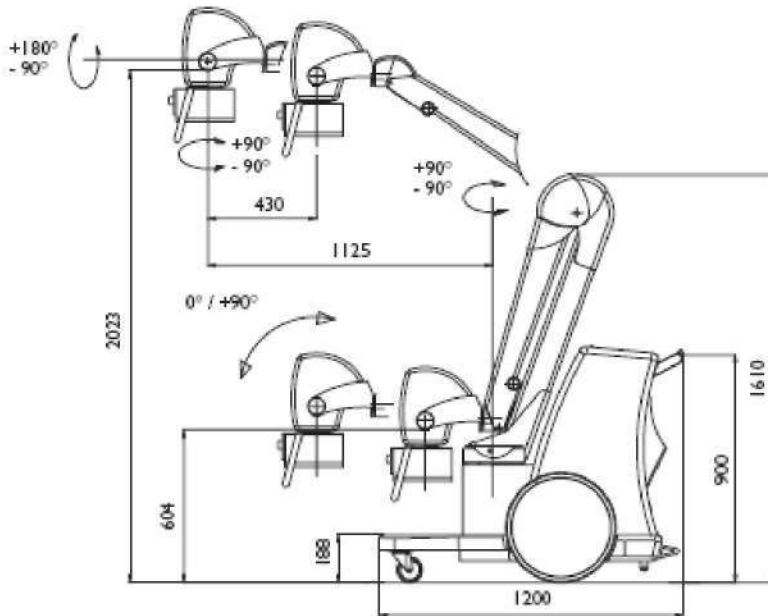
- possibility of connection to an automatic exposure meter (AEC)
- possibility of connection to a D.A.P. (kerma measurement system for area) with relative thermal printer



with possibility  
of modification  
or enhancements

CE 0051

compliant with  
93.42.EEC  
directive class II b



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