PHILOSOPHY HF 400

High Frequency x-ray unit - designed for CR - DR digital systems

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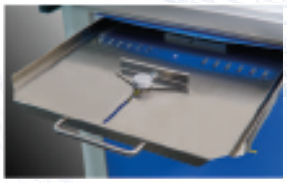
- Patient support table 4 ways with mechanical brakes
- Max weight capacity for patient support table 100 kg
- Table absorption thickness 5mm 0,8mm
- Film focus distance 100cm

Head rotation +/- 90° (optional)

Removable x-ray grid



X-ray steel plate cassette

Cleat rope ties(optional)

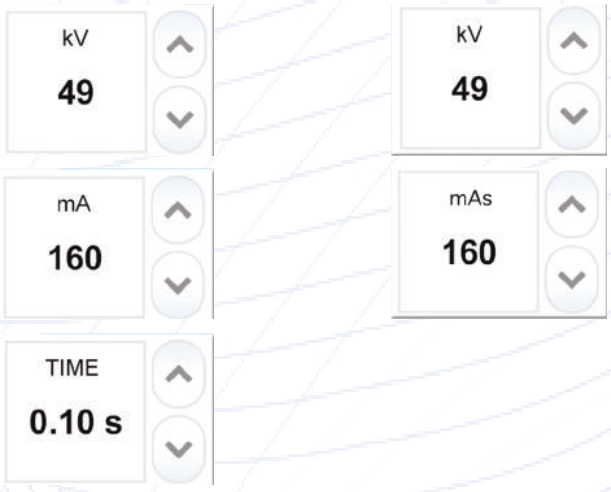
COLLIMATOR

- Radiation protection up to 125 kV
- Manual setting field
- LED light
- Lamp timer 60 sec automatic start
- Field from 0 to 48 x 48 cm

- Selectable operating system

technique

3 points ⟷ 2 points



- Automatic programmed x-ray techinique (APR)

- Monitor touch screen 15'' multi-language
- Focal spot selection
- Weight (kg) and thickness (cm) selection
- Sensivity of the intensifying screen

X- ray Generator

- Monoblock
- Max Power 30 kW (300 mA - 100 kV - 100 mS)
- Max Voltage 99 kV - 125 kV
- Max Power Supply 400 mA
- Frequency ripple 40 KHZ
- Ripple 1%
- Monoblock heat capacity 825 kJ - 1103 KHU

X-ray Tube

- X-ray tube with rotating anode 3000 rpm
- Focal spot 0,6-1,3 mm
- Anode angle 15°
- Heat capacity 80kJ - 107 KHU
- Continuous thermal dissipation max anode 300 W

Power Supply

- Standard Voltage 230/240 V ± 10% 50-60 Hz
- Line resistency 0,4 Ω
- Power consumption < 1A

Safety and protection

- Filament current safety and automatic control
- Overcurrent and overvoltage protection (kV e mA)
- X-ray tube load protection
- Reporting errors or malfunction

- Selection of mA in 7 values from 80 to 400 mA
- Selection of exposure time from 0,002 to 2 sec.
- Continuous selection of kV from 40 to 125 kV
- Selection of 25 max values 125 - 250 mAs (optional)

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MANUFACTURER SINCE 1977

PIEROTTI M.P. now I.P.S. MEDICAL

1977 - 2017

I.P.S. MEDICAL SRL

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