






ORICH Medical Equipment (Tianjin) Co.,LTD.

No.16 Cuiming Road, YAT-SEN Scientific Industrial Park, TEDA, Tianjin, China

Technical data of high frequency medical radiographic X-ray system

Item No: DF-211H

Standard Configuration

| No | Photo | Item | Technology Parameter | |
|-------------------------------|---|--------------------|--|---|
| 1 |  | Generator | Output Power: 50kW | |
| | | | High frequency output: ≥ 400 kHz | |
| | | | kV _p Range: 40-150 KV | |
| | | | mA Range: 10-630mA | |
| | | | Exposure Timer Range: 0.001-6.3s (maximum) | |
| | | | mAs Range: 0.1-630mAs | |
| | | | Anatomical Programs (APR): 768 | |
| | | | Options: AEC, DAP | |
| | | | Input Phase / Voltage: 3 phase, AC380V \pm 10%, 50/60Hz | |
| 2 |  | X-ray Tube | Nominal focal spot value: 0.6mm (small focus)/1.2mm (large focus) | |
| | | | Rotation speed (min ⁻¹): 2700rpm@50Hz, 3200rpm@60Hz | |
| | | | Maximum tube voltage: 150kV | |
| | | | Maximum filament current: 370mA (small focus) / 760mA(large focus) | |
| | | | Anode Heat Content: 150kHU (111KJ) | |
| | | | Max rating (0.1s) (kw): 20/46kW @50Hz, 22/50kW @60Hz | |
| 3 |  | Radiographic table | Focal spot to tabletop/wall stand: 1100mm (min) | |
| | | | Stand | Tube vertical travel range: ≥ 750 mm |
| | | | | Tube transverse travel range: ≥ 1250 mm |
| | | | | Tube rotation around table column: $\pm 135^\circ$ |
| | | | | Tube rotation about the horizontal axis: +180 $^\circ$ to -180 $^\circ$, locked at each 0 $^\circ$, 90 $^\circ$, 180 $^\circ$, 270 $^\circ$ |
| | | | Table | Standard table top size: L2000mm \times W740mm |
| | | | | Table height: 660mm |
| | | | | Table top travel, longitudinal: 1000mm (min) |
| | | | | Table top travel, transverse: 160mm (min) |
| | | | | Grid |
| R=10:1, f=100cm, N=40 line/cm | | | | |



| | | | | |
|-------------------------------|---|------------|---|------------------------------|
| 4 |  | Collimator | Control method: Manual | |
| | | | The average brightness of the light field: >150lux | |
| |  | | Minimum focal spot height: 800mm | |
| | | | Vertical height: 2100mm | |
| | | | Vertical travel range: 1200mm (min) | |
| | | | Film size: 8"x10", 10"x12", 11"x14", 14"x14", 12"x15", 14"x 17" | |
| | | | Grid | Size: 388mmx464mm (15"x 18") |
| R=10:1, f=180cm, N=40 line/cm | | | | |

Photo showing

