



ΔΙΑΚΗΡΥΞΗ Νο 827

ΠΑΡΑΡΤΗΜΑ «Α»

ΤΕΧΝΙΚΕΣ ΠΡΟΔΙΑΓΡΑΦΕΣ

Portable X-RAY Unit Main characteristics:

- At least 42mm / 1,65" penetration of steel,
- 5 to 25kV - 200kV high voltage range,
- 0,5- 10mA tube current range
- (At least 4,5mA/200kV Umax),
- 900W continuous rating,
- 3.0 mm (EN 12543)/ 1.5 (IEC 336) nominal focal spot value,
- Tungsten (W) anode material,
- 20o target angle, (if not mentioned please provide written evidence)
- Elliptical emergent beam range, 40° x 60°,
- Inherent filtration 0.8 mm ± 0.1 mm,
- Duty cycle ($\theta_{amb}= 30^{\circ}\text{C} / 86^{\circ}\text{F}$) with at least 60 min continuous operation,
- ±1% Current and voltage stability,
- 16kVA, 160 V - 253 V AC, 80 V - 127 V AC, 50/60 Hz power supply requirements,
- Weight of tube head should not exceed 30Kg,
- Power mode starting at 5 kV for efficient work, even with low-density materials such as aluminum or composite materials,
- Automatic mode, automatic warmup program depending on the non-operative interval through a real time clock,
- Possibility to store at least 200 exposure techniques in a non-volatile memory for recall,
- LCD should have at least a four-line display and be highly legible.