

X-DRS Portable 100 PK

Technical Specifications



High-Frequency X-Ray Generator

Output power	5.0 kW @ 75 kV	
Tube vol./current	110 kV / 100 mA	
Voltage range	40 - 110 kV (1 kV steps)	
mAs range	0.1 - 100 mAs (40 steps)	
Current output range	100 mA @ 40 - 50 kV / 0.4 - 10 mAs 80 mA @ 51 - 60 kV / 0.4 - 8 mAs 50 mA @ 40 - 50 kV / 100 mAs 50 mA @ 61 - 80 kV / 0.4 - 8 mAs 40 mA @ 51 - 60 kV / 64 - 100 mAs 40 mA @ 71 - 80 kV / 9 - 21 mAs 40 mA @ 101 - 110 kV / 0.2 - 5 mAs 30 mA @ 71 - 80 kV / 25 - 64 mAs 30 mA @ 101 - 110 kV / 6.4 - 12 mAs 20 mA @ 81 - 100 kV / 32 - 80 mAs	80 mA @ 40 - 50 kV / 12 - 32 mAs 60 mA @ 40 - 50 kV / 36 - 80 mAs 50 mA @ 51 - 60 kV / 9 - 50 mAs 40 mA @ 40 - 80 kV / 0.2 - 0.3 mAs 40 mA @ 61 - 70 kV / 9 - 50 mAs 40 mA @ 81 - 100 kV / 0.2 - 8 mAs 30 mA @ 61 - 70 kV / 64 - 100 mAs 30 mA @ 81 - 100 kV / 9 - 30 mAs 20 mA @ 40 - 110 kV / 0.1 mAs 20 mA @ 101 - 110 kV / 15 - 64 mAs
Tube type	CEI OX 110 - 15	
Focal spot	1.5 mm	
HU capacity	76 kHU	
Cooling rate	57 kW	
Collimator lamp	LED	
Collimator auto timer	30 sec.	
SID scale length	2 m	
Input power	100 - 240 VAC (Free voltage)	
Power frequency / phase	50 / 60 Hz, single phase	
PROM memory	750 APR	
Control panel	7-segment LED read-out reversible Hand switch remote control function Digital LED display: mAs & KV Remote control software & PROM Programmable pre - set technique Data storage & store button LED indicator: ready & exp. Wait	
Weight	19.6 kg	
Dimensions Tube (W x H x L)	254 x 225 x 423 mm	
Included accessories	Aluminum transport case	
Warranty	12-month warranty	

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 Changes in product illustrations or changes which serve the technical progress, as well as mistakes are reserved.
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Detector

Selectable Detectors	X-DR L WiFi	X-DR L WiFi Premium
Pixel Size	150 µm	100 µm
Pixel Matrix	2304 x 2800	3500 x 4300
Weight	3.4 kg	2.8 kg
Protection Class	IPX1	IP56
Uniform Load	150 kg	300 kg
Local Load	100 kg (4 cm diameter)	150 kg (4 cm diameter)

Software

Configurations	EXAMION X-AQS DICOM Modality SCU <ul style="list-style-type: none"> DICOM Worklist SCU DICOM Store SCU
	EXAMION X-AQS PACS <ul style="list-style-type: none"> Integrated Mini-PACS