

High-Voltage Generator

Item	Specification
Max. Electric Power	32 kW (100 kV, 320 mA, 20 ms / 80 kV, 400 mA, 20 ms)
Nominal Electric Power	16 kW (100 kV, 160 mA, 0.1 s) (product of max current flow possible for 0.1 seconds and tube voltage, at 100 kV nominal tube voltage)
Ratings	Nominal maximum tube voltage and maximum tube current where nominal maximum tube voltage output is possible: 133 kV, 200 mA Maximum tube current and maximum tube voltage where maximum tube current output is possible: 400 mA, 80 kV Combination of tube voltage and tube current that outputs maximum electrical power: 100 kV, 320 mA / 80 kV, 400 mA Minimum current-time product: 0.10 mAs Maximum current-time product: 320 mAs
	Nominal minimum irradiation time: 1 msec
Tube Voltage Setting Range and Display	Setting Range: 40 kV to 133 kV, in 1 kV increments Display: Digital
Current-Time Product Setting Range and Display ^{*1}	Setting Range: 0.10, 0.11, 0.12, 0.14, 0.16, 0.18, 0.20, 0.22, 0.25, 0.28, 0.32, 0.36, 0.40, 0.45, 0.50, 0.56, 0.63, 0.71, 0.80, 0.90, 1.0, 1.1, 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, 2.5, 2.8, 3.2, 3.6, 4.0, 4.5, 5.0, 5.6, 6.3, 7.1, 8.0, 9.0, 10, 11, 12, 14, 16, 18, 20, 22, 25, 28, 32, 36, 40, 45, 50, 56, 63, 71, 80, 90, 100, 110, 125, 140, 160, 180, 200, 220, 250, 280, 320 mAs Display: Digital

*1: The various conditions are as follows (conform to IEC-standards):

Tube voltage (within $\pm 8\%$), Tube current (within $\pm 20\%$)

mAs within $\pm (10\% + 0.2 \text{ mAs})$, Time within $\pm (10\% + 1 \text{ ms})$

 **Reference** Items regarding DR radiography are given in the specifications in "6.2.2 Combined with AeroDR SYSTEM/AeroDR SYSTEM 2/ SKR 3000" P.6-40, "6.2.3 Combined with CXDI-401G Wireless/CXDI-401C Wireless/ CXDI-701G Wireless/CXDI-701C Wireless/CXDI-801G Wireless/ CXDI-801C Wireless/CXDI-410C Wireless/CXDI-710C Wireless/ CXDI-810C Wireless/CXDI-702C Wireless/CXDI-402C Wireless/ CXDI-Elite/CXDI-Pro" P.6-55, "6.2.4 Combined with DR-ID 800" P.6-65 and "6.2.5 Combined with VIVIX-S detector" P.6-73.