

**Frequency Conversion Portable NDT X-ray Flux Detector****Features:**

1. An overall self-diagnosis for software and hardware after startup can effectively detect the failure component.
2. Strong anti-interference properties make our X-ray Equipment can also work with electric generator in the wild field.
3. Quickly and exactly set exposure parameters by manual button.
4. High voltage can be started delayed to make enough time for personnel evacuate.
5. Slowly increase and decrease high voltage to protect X-ray generator
6. The ratio of working and rest is 1:1
7. Complete protection measures against over-kV, over-mA, under-kV, under-mA, over-temperature and sound & light alarms.
8. This x-ray machine is of portable structure, and convenient for operating on site.
9. High voltage coil is made from imported insulating & temperature-resistant materials
10. Our Portable NDT X-ray Equipment is small in size, light in weight, and convenience to operate.
11. The X-ray Generator is SF<sub>6</sub> gas insulated, ground inside, and adopts forced air cooling.

**Directional Portable NDT X-ray Flux Detector( with Glass X-ray Tube)**

Model	Output Voltage (kV)	Input (kW)	Focus Spot (mm)	Beam Angle	Max Penetration (mm)	Weight(kg)		Dimension(mm)	
						Generator	Controller	Generator	Controller
XSQ-1805	18-105	2.5	0.8×0.8	48°	7	10.5	10	1160×1048	358×298×158
XSQ-1805	68-168	2.5	0.8×0.8	48°	18	15	10	1210×1078	358×298×158
XSQ-2805	108-208	2.5	1.5×1.5	48°	28	28	10	1270×1165	358×298×158
XSQ-2905	158-258	2.5	2.0×1.8	48°	29	29	10	1270×1178	358×298×158
XSQ-3805	178-308	2.5	2.4×2.2	48°	38	41	10	1320×1165	358×298×158

**Directional Portable NDT X-ray Flaw Detector( with Ceramic X-ray Tube)**

Model	Output Voltage (kV)	Input (kW)	Focus Spot (mm)	Beam Angle	Max Penetration (mm)	Weight(kg)		Dimensions(mm)	
						Generator	Controller	Generator	Controller
XNG-1005	80-160	2.5	0.8-0.8	40°	18	15	18	D230×H158	350×290×130
XNG-2005	100-200	2.5	1.2×1.2	40°	29	20	18	D270×H158	350×290×130
XNG-2505	130-250	3.5	2.0×2.0	40°	39	25	18	D270×H1618	350×290×130
XNG-3005	170-300	3.5	2.5×2.5	40°	50	34	18	D320×H1625	350×290×130

**Panoramic Portable NDT X-ray Flaw Detector( Glass X-ray Tube/Flat Target)**

Model	Output Voltage (kV)	Input (kW)	Focus Spot (mm)	Beam Angle	Max Penetration (mm)	Weight(kg)		Dimensions(mm)	
						Generator	Controller	Generator	Controller
XNH-1005	80-160	2.5	1.0×2.0	360°×30°	16	13	18	D200×H170	350×290×130
XNH-2005	100-200	2.5	1.0×2.0	360°×30°	27	24	18	D200×H1625	350×290×130
XNH-2505	130-250	3.5	1.0×2.4	360°×30°	37	28	18	D270×H1780	350×290×130
XNH-3005	170-300	3.5	1.0×2.5	360°×30°	47	37	18	D320×H1765	350×290×130

**Panoramic Portable NDT X-ray Flaw Detector( Glass X-ray Tube/Conc Target)**

Model	Output Voltage (kV)	Input (kW)	Focus Spot (mm)	Beam Angle	Max Penetration (mm)	Weight(kg)		Dimensions(mm)	
						Generator	Controller	Generator	Controller
XSD1s-1005	80-160	2.5	1.0×3.0	360°×40°	12	13	18	D180×H178	350×290×130
XSD1s-2005	100-200	2.5	1.0×3.5	360°×40°	24	19	18	D205×H1625	350×290×130
XSD1s-2505	130-250	2.5	1.0×3.5	360°×40°	34	26	18	D270×H1708	350×290×130
XSD1s-3005	170-300	3.5	1.0×3.6	360°×40°	42	37	18	D320×H1765	350×290×130