

VARIABLE FREQUENCY PORTABLE X-RAY FLAW DETECTORS

- High immunity to interference, especially for generator-powered operation
- Quick and accurate selection of exposure parameters by knob, easy to operate
- Delayed high-voltage activation allows operator to evacuate hazards in time
- Slow rise and fall of the high voltage protects the X-ray generator
- Auto work-rest in 1:1 mode, max continuous exposure 5 minutes
- Training mode available to prevent X-ray generator damage from long-term inactivity
- Over-voltage, over-current, under-current, over-temperature protection, to avoid machine damage
- Digital tube to display exposure time and fault code
- Stronger and lighter structure design, easy to operate in the field



RXT-HC020A-U



control console (included)



warning light (included)



power cable (included)

SPECIFICATION

X-ray generator	cooling method	forced air cooling
	insulation method	SF ₆ gas insulation
	safe work pressure (20°)	0.35Mpa~0.45Mpa
Maximum penetration thickness conditions	steel plate, aluminum plate	A3 (11.69"×16.54")
	focal length	23.62"
	exposure time	5min
	film	general, double-sided lead foil sensitized screen
	darkroom processing	temperature: 68°F±3.6°F, developing time: 5min
	blackness	D≥1.5
X-ray tube current (average)		5mA
High voltage transformer input voltage fluctuation		±1%
Working environment	temperature	-4~122°F
	relative humidity	≤85%
	altitude	≤39.37"
Control console	timing error	5min±5%
	size (LxWxH)	8.98"×5.51"×1.77"
Power supply		AC110V±10V, 60Hz

CIRCUMFERENTIAL PORTABLE X-RAY FLAW DETECTOR (CORRUGATED CERAMIC X-RAY TUBE)

Part No.	Input	Focus size	Radiation angle		Conical target	Flat target	Generator size	Generator weight
			Conical target	Flat target				
RXT-HC020A-U	2.0kW	.04"×.20"	30×360°	25°×360°	.94"	1.06"	11.22"×11.22"×24.21"	50.71lb
RXT-HC025A-U	2.5kW	.04"×.20"	30×360°	25°×360°	.94"	1.06"	12.80"×12.80"×27.75"	77.18lb
RXT-HC030A-U	3.0kW	.04"×.22"	30×360°	25°×360°	.94"	1.06"	13.58"×13.58"×28.15"	90.41lb

CIRCUMFERENTIAL PORTABLE X-RAY FLAW DETECTOR (GLASS SHELL X-RAY TUBE)

Part No.	Output voltage	Input	Focus size	Radiation angle		Maximum penetration Q235		Generator size	Generator weight
				Conical target	Flat target	Conical target	Flat target		
RXT-GS010A-U	60~100kV	1.2kW	.04"×.14"	30+5°	25+5°	.16"	.24"	7.48×7.48×20.87"	24.28lb
RXT-GS016A-U	80~160kV	1.5kW	.04"×.14"	30+5°	25+5°	.47"	.59"	8.86"×8.86"×23.03"	33.08lb
RXT-GS020A-U	100~200kV	2.0kW	.04"×.14"	30+5°	25+5°	.94"	1.06"	11.22×11.22×26.18"	47.41lb
RXT-GS025A-U	150~250kV	2.5kW	.04"×.10"	30+5°	25+5°	1.34"	1.45"	12.60"×12.60"×28.74"	73.87lb
RXT-GS030A-U	170~300kV	3.0kW	.04"×.09"	30+5°	25+5°	1.73"	1.85"	13.58"×13.58"×32.68"	88.20lb

DIRECTIONAL PORTABLE X-RAY FLAW DETECTOR (CORRUGATED CERAMIC X-RAY TUBE)

Part No.	Output voltage	Input	Focus size	Radiation angle	Maximum penetration Q235	Generator size	Generator weight
RXT-HC016B-U	80~160kV	1.5kW	.03"×.03"	40+5°	.75"	8.86"×8.86"×21.65"	31.97lb
RXT-HC020B-U	100~200kV	2.0kW	.08"×.08"	40+5°	1.18"	11.22"×11.22"×24.21"	39.69lb
RXT-HC025B-U	150~250kV	2.5kW	.08"×.08"	40+5°	1.57"	12.60"×12.60"×25.20"	67.25lb
RXT-HC030B-U	170~300kV	3.0kW	.10"×.10"	40+5°	1.97"	13.58"×13.58"×26.38"	80.48lb
RXT-HC035B-U	180~350kV	3.5kW	.10"×.10"	40+5°	2.36"	13.58"×13.58"×26.38"	83.79lb

DIRECTIONAL PORTABLE X-RAY FLAW DETECTOR (GLASS SHELL X-RAY TUBE)

Part No.	Output voltage	Input	Focus size	Radiation angle	Maximum penetration Q235	Generator size	Generator weight
RXT-GS010B-U	60~100kV	1.2kW	.03"×.03"	40°	.31"	7.48"×7.48"×20.87"	24.48lb
RXT-GS016B-U	80~160kV	1.5kW	.03"×.03"	40°	.75"	8.86"×8.86"×23.03"	33.52lb
RXT-GS020B-U	100~200kV	2.0kW	.06"×.06"	40+5°	1.18"	11.22"×11.22"×26.18"	50.72lb
RXT-GS025B-U	150~250kV	2.5kW	.08"×.08"	40+5°	1.57"	12.60"×12.60"×28.74"	77.18lb
RXT-GS030B-U	170~300kV	3.0kW	.09"×.09"	40+5°	1.97"	13.58"×13.58"×32.68"	100.33lb

STANDARD DELIVERY

Main unit	1pc
Control console	1pc
Power cable	2pcs
Grounding cable	1pc
Warning light	1pc
Center Indicator (Direction Finder)	1pc
Lead type	1pc
Image quality meter	1pc
Dark bag	5pcs
Intensifying screen	5pcs
Fuse tube	10pcs