X-Ray Detector TXG-200

Detect the inner defects of spare parts and welding lines, make quality assessment of the products

● NDT detecting method and widely used in the industries such as machine manufacture, aviation, railway, pressure vessel, boiler, chemical industry

● Isolated by SF6 and forced cooling by fan

● Penetrate A3 steel in a few minutes, the blackness is no less than 1.5 , sensitivity is superior than 1.5%

● The controller adopts photoelectric isolated microcomputer control system to protect voltage, current and temperature. The control operation is reliable, automatic and intelligence

● Ceramic X-ray tube is made of superior oxygen free copper, high dense ceramic, super high vacuum degree, enjoys the merits of high temperature resistance and good anti-seismic

Spesification

Model		TXG200
Power		AC220V±10% 50Hz
Power capacity （kW）		>2.0
Tube voltage (Kvp)		80-200
Max. tube current(mA)		5
Focus size(mm ×mm)		1.5×1.5
Weight(Kg)	Generator	17
	Controller	9
X-ray beam radiation angle		40°+5
Penetration A(mm)		29
Isolation mode		SF_6 gas
Operating temperature		-25℃-+40℃
Relative humidity		≤85%
Transillumination		1)Focus length：600mm 2)Exposure time：5 minutes 3)Film：N-Ⅲ industrial radiographic film, with lead foil on both surface 4)Darkroom treatment：temperature: ±2℃， Developing: 5minutes， Darkness≧1.5
Safety working pressure		0.35-0.50mPa

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