MatriXcope

MTC-XR500P

High Definition X-ray Scanner

Product highlights

* Light weight, easy to carry, dismantle, assemble, operate and maintain
* Work in harsh environments such as strong light
* Wireless connection with remote control up to 30 meters to ensure operator safety
* Powerful imaging software with low x-ray dose for radiation safe
* Friendly multilingual interface

Physical Specifications	
after packed on wooden pallet-Gross weight	51kg
Packing size	#1: 690*520*370mm, 22.4kg #2: 690*520*370mm, 28.6kg
X-ray Generator (single)	
Anode Voltage	120 KV, adjustable
Beam direction	Horizontal
Cooling / Duty Cycle	Sealed oil cooling /100%
Output power	120W (120KV 1.0mA)
Light source viewing angle	46 degrees
Tube voltage adjustable range	30-120KV
Tube voltage adjustable step	10KV
Adjustable accuracy	±2.0%
Tube current adjustable range	0.4 - 1.0mA
Tube current adjustable step	< 10uA

General specifications

General Specifications	
Imaging area	30x42 cm
Image size	1024*768 pixels
Image Contrast	16bit 65536 Color Gray Level
Wire resolution:	40AWG
Penetration	Aluminium 60mm copper Steel 6mm copper
X-ray dose	52 mSv/s
X-ray leakage	15 uSv/h at 1 m from the X-ray exit
Detection box	
Imaging mechanism	Linear array scanning
Detection speed	8 s
Imaging area	30x42 cm
Detector size	0.78 mm
Detection points	384x2
Battery capacity	10.4AH
Maximum power consumption	30W
Thickness	8.5CM
Weight	8Kg
Computer and other	
Operating system	Windows10 32 bit
Processor	Intel Core i3-6006U Series
Core number / thread	dual core / four threads
Memory capacity	4GB
Hard disk capacity	500GB
Screen size	14.0 inches
Screen resolution	1366×768
Graphics card type	discrete graphics
Wireless network card	1000Mbps Ethernet card
Battery life	2-5 hours
Weight	2.75Kg
Option	Dosimeter

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Operating Environment	
Operation temperature/Humidity	5℃-40℃
Storage Temperature/Humidity	-20℃to 60℃
Operation Power	220V(+10% ~ -15%) 50±3Hz Options: 100-130V, 200-250V, 60Hz
Compliance	
International	* ISO19001; ISO14001; ISO45001 * CE RoHS * FDA FCC

Imaging

Dimensions