MEDICATECH USA®

MasteRad® **MX Series**
Medical

MasteRad™ **MX30**
Features

Fully integrated with all the features necessary for a all-in-one radiography system. Since your budget is always on our mind, MedicatechUSA brings together a fully integrated system with smooth functions, user-friendly design and durable quality.

CONVENTIONAL RADIOGRAPHY

FLOATING TABLE

FLOOR WALL TUBE RAIL STAND

Ideal choice for a complete range of radiographic procedures and eliminates the need for high-cost room modifications. Enhance your workflow with a compact and effective design.

System Configuration & Specification

Generator		
	Input Power	32 kW Single Phase
	kV Range	40 -125 kV
	Output Frequency	10 - 400mA
	mAs Range	0.1 - 100 mA
	Tube Current Range	10mA - 630mA ｜ 10mA - 800mA
	Exposure Time Range	1 ms -6.4 s
	Console	Membrane Console
	A P R	Anatomical Programming
	Technique Selection	kV/AEC, kV/mAs, kV/ma/ms

Tube		
	Type	Rotating Anode Type
	Focal Spot	Large 2mm, Small 1mm
	Operating Voltage	40 - 150kV
	Anode Heat Capacity	140kHu
	Target Angle	12º

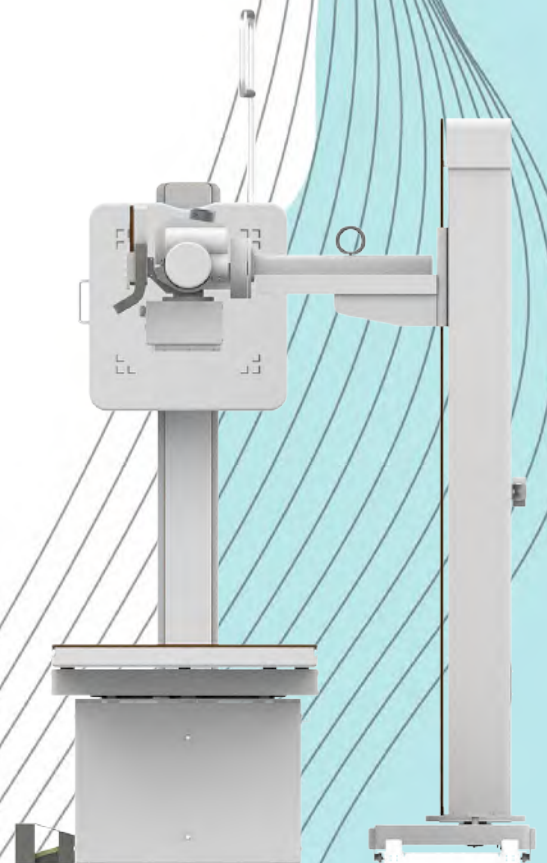| Collimator		
	Power Supply	1Phase 24VAC 50/60Hz
	Related Tube Voltage	125 kVp
	Filters	1.2mm Al
	Internsity of Illumination	LED over 160lux

Grid	103L 10:1 100/180cm
HVC	10m

Tube Stand		
	Heights	2250mm / 88.5 Inches
	Floor Rail Width	3090mm / 121.5 Inches
	Vertical Movement	400 - 1800mm / 15.75 - 70.5 Inches
	Horizontal Movement	2433mm / 95.5 Inches
	Tube Stand Rotation	+/- 90º
	Tube Rotation	+/- 135º
	Telescopic Movement	230mm / 9 Inches

Wall Stand		
	Wall Stand Heights	2060mm / 81.25 Inches
	Vertical Movement	355 - 1700mm / 14 - 70 Inches

Table		
	Weight Capacity	300kg
	Table Size	2000x800x670mm / 78x31.5x26 Inches
	Movement	Transverse : 250mm / 9.75 Inches
		Longitudinal : 720mm / 28 Inches
	Top Filtration	1.2mm / .04 Inches

* All specifications can change without prior notice.

VOYANCE®

By Medicatech USA®

An industry leading complete software suite that delivers a secure and cost-effective way to acquire, view and share DICOM Images. Voyance® is one of the easiest, most user friendly interfaces. Its modern design & attention to the user experience along with its features & functions make it a great tool for every user.

- **Instant installation and auto-configuration**
- **Easy, user-friendly Modern user interface**
- **Interface consistency across acquisition and viewing platforms**
- **Optimum Workflow designed for efficiency**
- **ClairVoyance® Image Processing Algorithm**
- **Supports a wide range of detectors and generators**
- **X-RAY Generator integration (CPI & DRGEM)**
- **Auto Stitching and Auto Cropping**
- **Side by side comparisons**
- **Fully DICOM 3.0 Compatible: MWL, MPPS, and all DICOM ops.**
- **Reject Analysis**

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