



MQS Technologies offers an automated inspection solution for digital radiography of pipes in the manufacturing / QC line. These systems are used to inspect the weld quality.

- » Longitudinal Welds
- » Spiral Welds
- » Circumferential/ Planar Welds



## Available Product Range for Pipe Weld Inspection for Single & double wall inspection

X-RAY SOURCE	MQXR 160 SERIES		MQXR 225 SERIES		MQXR 320 SERIES		MQXR 450 SERIES	
Focal Spot	0.4mm & 1mm	1mm & 5.5mm	0.4mm & 1mm	1mm & 5.5mm	0.4mm & 1mm	3mm & 5.5mm	0.4mm & 1mm	2.5mm & 5.5mm
Tube type	Mini focus							
Power	800W& 1800W	640W&3 000W	800W& 1800W	640W&3 000W	800W& 1800W	1500W& 4200W	800W& 1800W	900W& 4500W
Analysis	2D							
Duty Cycle	100%							
Cabinet & Manipulator	Customizable as per the user's requirement							

### Digital Flat Panel Detectors (DFPD)

DFPD	MQXRD 0822 XX	MQXRD 2530 XX	MQXRD 3030 XX	MQXRD 4343 XX
X Ray Range	0-16MeV	0 -320 kV	0 -225 kV	40 -320 kV
Pixel Size	200µm	139µm	194µm	139µm
Active area size	200mmX200mm	249mmX302mm	298mmX298mm	427mmX427mm
Scintillator	CSI/ DRZ+			
Frame rate	25fps in 1x1 binning	09fps in 1x1 binning	12fps in 1x1 binning	04fps in 1x1 binning
	50fps in 2x2 binning	32fps in 2x2 binning	30fps in 2x2 binning	15fps in 2x2 binning

### WHY MQS?

- Excellence in Offering Customized NDT Solutions
- In-House Design & Production Capabilities
- Dedicated After Sales and Services team
- AERB Guidance & TA
- Software Design & Development
- Trusted Partner & Solution Provider in Major PSUs

### APPLICATIONS

- Automotive
- Composites
- Ammunitions
- Heavy Engineering Casting
- Aerospace & Defence
- SAW Pipes
- Tyre

### Our Clients



### Our Global Partners



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