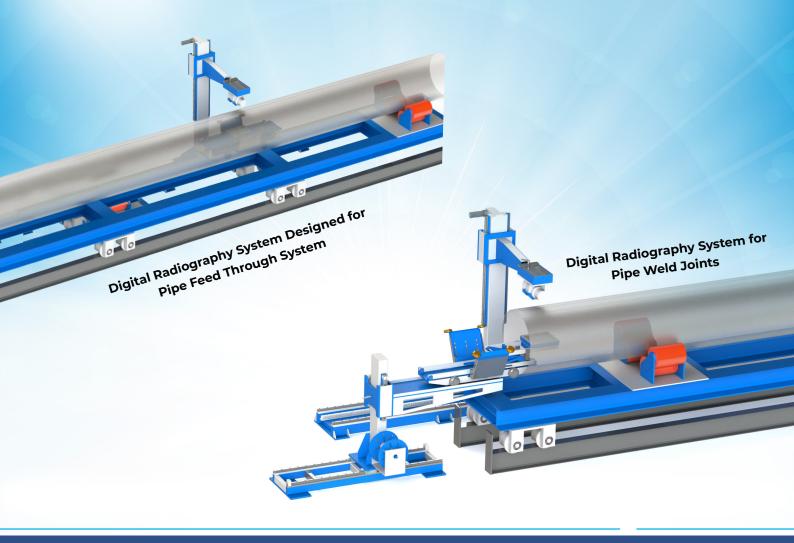


Digital Radiography Systems for Pipe Inspection





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		mm & 5mm	
Tube type	Mini focus									
Power	800W& 1800W	640W&3 000W	800W8 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+									
Fuana vala	25fps in 1x1 binning	09fps in 1x1 binning	12fps in 1x1 binning	04fps in 1x1 binning						
Frame rate	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



















