



MQS Technologies has developed a range of custom built indigenous fuze inspection systems to carry out digital radiography of electronics and mechanical fuzes. Some of these systems are offered with a highly reliable swivel mechanism that significantly improves cycle time thereby ensuring higher productivity.

Our oldest system, supplied a decade ago, is successfully used to inspect fuzes in a highly automated manner.



Suitable Product Range for Inspection of Artillery Fuze / Multi Model hand Grenades

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 & 3000W	800W & 1800W	640W & 3000W	800W & 1800W	1500W & 4200W	800W & 1800W	900W & 4500W
Analysis	2D/ CT Analysis							
Duty Cycle	100%							
Cabinet & Manipulator	Customizable as per the user's requirement							

Flat Panel Detector	MQXRD 0822 XX	MQXRD 3025 XX	MQXRD 1621 XX	MQXRD 4343N XX
X-Ray Range	0-16MeV	0-450kV	0-16MeV	0-450kV
Pixel Size	200µm	139µm	200µm	150µm
Active area size	200mmX200mm	250mmX300mm	400mmX400mm	432mmX432mm
Scintillator	CSI/ DRZ+			
Frame rate	25fps in 1x1 binning	5.5fps in 1x1 binning	15fps in 1x1 binning	15fps in 1x1 binning
	50fps in 2x2 binning	11fps in 2x2 binning	30fps in 2x2 binning	30fps 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



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