

Fuze Inspection Systems









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 Inpsection of Artillery Fuze / Multi Model hand Grenades

X-RAY SOURCE	MQXR 160 SERIES		MQXR	MQXR 225 SERIES		MQXR 320 SERIES		MQXR 450 SERIES	
Focal Spot	0.4mm & 1mm	1mm & 5.5mm	0.4mm 8 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+						
Fuana vala	25fps in 1x1 binning	5.5fps in 1x1 binning	15fps in 1x1 binning	15fps in 1x1 binning			
Frame rate	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























Our Global Partners









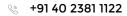












+91 40 2381 1177

