

## Inspection Data Form 1/2

Name of Institution

Model : MobilrArt Evolution

	Measurement date			
	Created by			
Measured Item	Details	On Installation	Before Adjustment	After Adjustment
Air-conditioning, storage location	Temperature (°C) Humidity (%)			
Power supply voltage (no load)	Across P0 – P2 (V)			
Check the earth	OK / Replace			
Check appearance	OK / Replace			
Check Caution/Warning labels	OK / Replace			
Clean the instrument	OK / Clean			
Check cable connection	OK / Adjust			
Check cable condition	OK / Replace			
Check fixing condition of the mechanical parts	OK / Adjust			
Radiography circuit operation	OK / Adjust			
Starter circuit operation	OK / Adjust			
X-ray tube protective circuit operation	OK / Adjust			
Radiography tube voltage accuracy	80 kV 3.2 mAs			
	100 kV 12.5 mAs			
Radiography tube current accuracy	80 kV 3.2 mAs			
	100 kV 12.5 mAs			
Exposure time accuracy	80 kV 3.2 mAs			
	100 kV 12.5 mAs			
Tightness of high-voltage cables and bushings (high-voltage transformer side)	OK / Replace			
X-ray tube unit	OK / Replace			
Tightness of high-voltage cables and bushings (X-ray tube side)	OK / Replace			
Low-voltage cable	OK / Replace			

## Inspection Data Form 2/2

Name of Institution \_\_\_\_\_

Model : MobilrArt Evolution

	Measurement date			
	Created by			
Measured Item	Details	On Installation	Before Adjustment	After Adjustment
Support arm vertical movement	OK / Adjust			
Suspension wire damage and attachment	OK / Replace			
Support arm lateral movement	OK / Adjust			
Attachment of rails and bearings	OK / Tighten			
Column rotation	OK / Adjust			
Column fixture	OK / Adjust			
Tube rotation about arm	OK / Adjust			
Tube support unit fixture	OK / Tighten			
Tube rotation about tube axis	OK / Adjust			
X-ray Tube fixture	OK / Tighten			
Arm catch operation and display	OK / Adjust			
Arm Catcher ASSY fixture	OK / Tighten			
Operation switches and displays	OK / Replace			
Cable connection of operation switches	OK / Replace			
Travel operation (handle)	OK / Adjust			
Brake operation	OK / Adjust			
Travel wheel and caster fixture	OK / Tighten			
Collimator leaf open/close operation	OK / Adjust			
Effective irradiation field	OK / Adjust			
Collimator fixture	OK / Tighten			
Collimator rotation mechanism	OK / Adjust			
Cassette box mounting	OK / Tighten			
Cord reel	OK / Replace			
Check remote controller operation	OK / Adjust			
Check Dose Area Product Meter	OK / Adjust			
Check Protective Screen option	OK / Tighten			