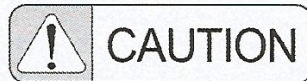


3.2 Warm-up the X-Ray Tube Unit

X-ray tube units must be warmed up before they can be used. Always age the X-ray tube unit prior to using the system.



Always age the X-ray tube unit before starting radiography. In particular, if X-ray tube voltage is set to over 100 kV, warm-up should be performed on a daily basis.

Performing radiography without warm-up the X-ray tube unit may cause an electrical discharge.

3.2.1 Warm-up Procedure

Usage Condition	Warm-up Description
When using the X-ray tube unit for the first time that day	Warm-up 1 Generate X-rays, starting with the parameters indicated for Step 1 below, then successively generate X-rays indicated for each step, until reaching the X-ray tube voltage to be actually used. If anything abnormal occurs, go back two steps and repeat the process.
When the X-ray tube voltage to be used is 100 kV or higher	Warm-up 2 Start generating X-rays at Step 3 and successively increase steps until reaching the X-ray tube voltage to be actually used. If anything abnormal occurs, go back two steps and repeat the process.
When the X-ray tube voltage to be used is 100 kV or higher, after normally using a voltage of 80 kV or less	