



Tube Sound Check



Hey there Subscriber,

Is Your X-Ray Tube Making Noise?

Hearing extra noise during **prep** or **expose** can definitely get your attention, but in many cases it is completely normal.

Why? 🙋

The bearing friction helps prevent the anode from spinning for an excessive amount of time. If a tube coasts too long, it can enter resonance conditions that may damage the tube insert.

Over time, it is also normal for:

- Bearings to sound a bit louder
- Coast time to become slightly shorter

TUBE NOISE DURING PREP AND EXPOSE

What To Do First:

1 Season the Tube

Warming the anode and bearings often reduces noise.

2 Perform Rotor Orientation Maintenance

- Rotate tube **-90°**, prep for 10 seconds

- Rotate tube **0°**, prep for 10 seconds
- Rotate tube **+90°**, prep for 10 seconds

Still Louder Than Normal? Run a Coast Time Test:

Vertical Tube, Anode Up

- Hold Prep for 5 seconds
- Measure the time it takes for the rotor to stop
- Tube should coast for **at least 30 seconds**

Vertical Tube, Anode Down

- Hold Prep for 5 seconds
- Measure the time it takes for the rotor to stop
- Tube should coast for **at least 30 seconds**

Horizontal Tube Position

- Hold Prep for 5 seconds
- Measure the time it takes for the rotor to stop
- Tube should coast for **at least 15 seconds**

When Is It Eligible for Warranty Review?

If the tube **fails the coast time test** and is **under 18 months old**, it may qualify for a **pro-rated warranty replacement**.

If the tube is older than 18 months, increased noise alone is not considered a warranty condition.

If you do return a tube, make sure it is properly packaged and insured during shipment.



Have More Questions?

Browse our authorized dealer portal website. This site contains documentation to assist with installation, maintenance, and troubleshooting of Summit supported X-ray equipment.

SUMMITXRAY.COM →

Congratulations to the
Field Service Engineers
who have completed
certifications:

Matt Bilello on Nova OTS &
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