

Foreign deposits on klystron ceramics should be periodically removed to prevent ceramic heating or arc paths, which can lead to klystron failure. The recommended cleaning procedure is as follows:

1. Remove loose debris with a soft fiber bristle brush.
2. Clean the ceramic with a mild abrasive kitchen cleanser (preferably with a bleaching agent), such as Comet or Ajax.

CAUTION

Do not apply excessive force to the ceramic. Broken ceramics will cause the klystron to lose vacuum. NORMAL hand pressure will be sufficient to effect cleaning.

3. Flush the ceramic with clean water to remove cleanser.
4. Flush again with clean alcohol.
5. Air dry, ensuring material or moisture is not trapped in obscure locations, such as behind the seal rings.