This presentation is designed to provide a step-by-step followthrough. If you have any questions, do not hesitate to contact us.

Make sure you do not overwrite existing energy and preset options associated with calibrations. Only edit settings you are comfortably having changed. Calibrations will not function if you are collecting data with different energy and current than your reference standards.

The Tracer series employs a 2 watt bulb. Your energy multiplied by your current will equal the wattage you are using.

NEVER GO ABOVE 2 WATTS - THIS WILL DESTROY YOUR TUBE.

It is strongly recommended that you keep settings below 1.5 watts, this will lengthen the life of your tube.

To calculate your wattage, multiply energy by current.

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For example, 40 keV x 30 \muA = 1200 = 1.2 watts
15 keV x 25 \muA = 375 = 0.375 watts
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Finally, before beginning any changes to your X-box settings, record all existing settings - at minimum take a screenshot of the computer screen when you first load your Tracer's settings so that if a mistake is made, you can re-input all of the original factory presets.































































