

Application Notes

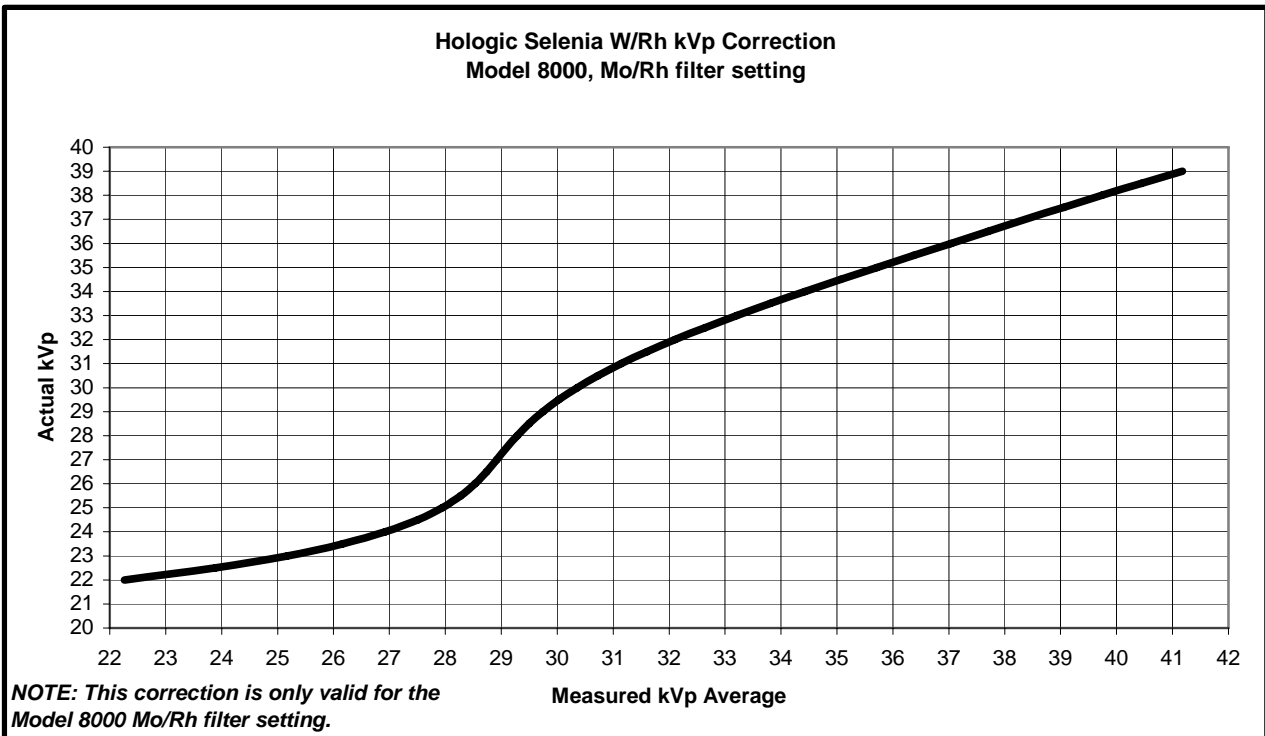
Model 8000 kVp Correction for Hologic® Selenia™ W/Rh and W/Ag Target/Filter Combinations

Introduction

The MQSA regulations require that all air kerma measuring instruments be calibrated to a NIST traceable technique. Currently, NIST does not provide calibration standards for W/Ag or W/Rh. This requires the user to require a NIST traceable calibration then apply correction factors for the W/Ag and W/Rh points.

Tungsten Target/Rhodium Filter Correction (W/Rh)

To make accurate kVp measurements with the Model 8000, use the Mo/Rh filter setting on the Model 8000 and correct the measured kVp using the chart below.



Fluke Biomedical

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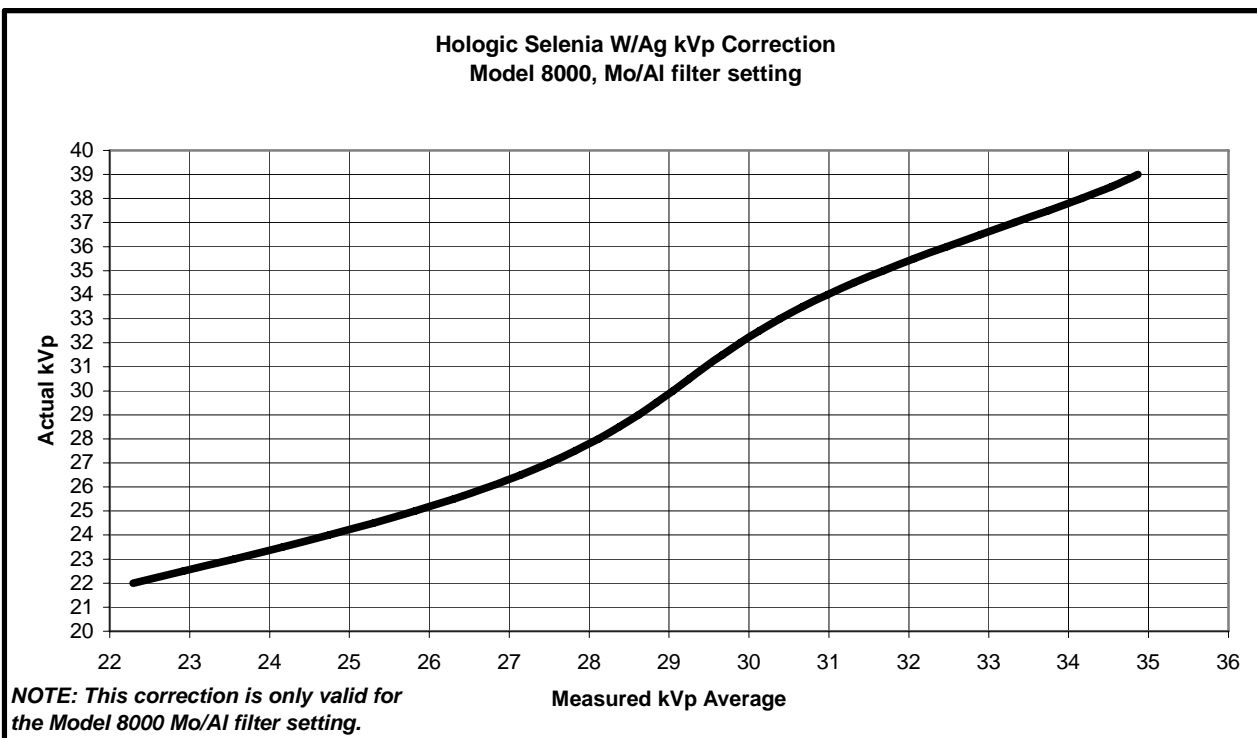
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Application Notes

Tungsten Target / Silver Filter Correction (W/Ag)

To make accurate kVp measurements with the Model 8000, use the Mo/Al filter setting on the Model 8000 and correct the measured kVp using the chart below.



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