
APPLICATION NOTE

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kVp Correction Graph for 15 μm Mo when using PMX III MAM Sensor - CA 5

This application note shows the kVp correction graph for 15 μm Mo when using PMX-III MAM sensor, calibration CA 5. Together with this new correction graph there are correction graphs from the PMX-III reference manual chapter 4.8.1 included. These are for the filtrations of 35 μm and 25 μm , of Molybdenum.

Note: The corrections are valid for measurements with PMX-III calibration CA 5, Mo target / 30 μm Mo filtration.

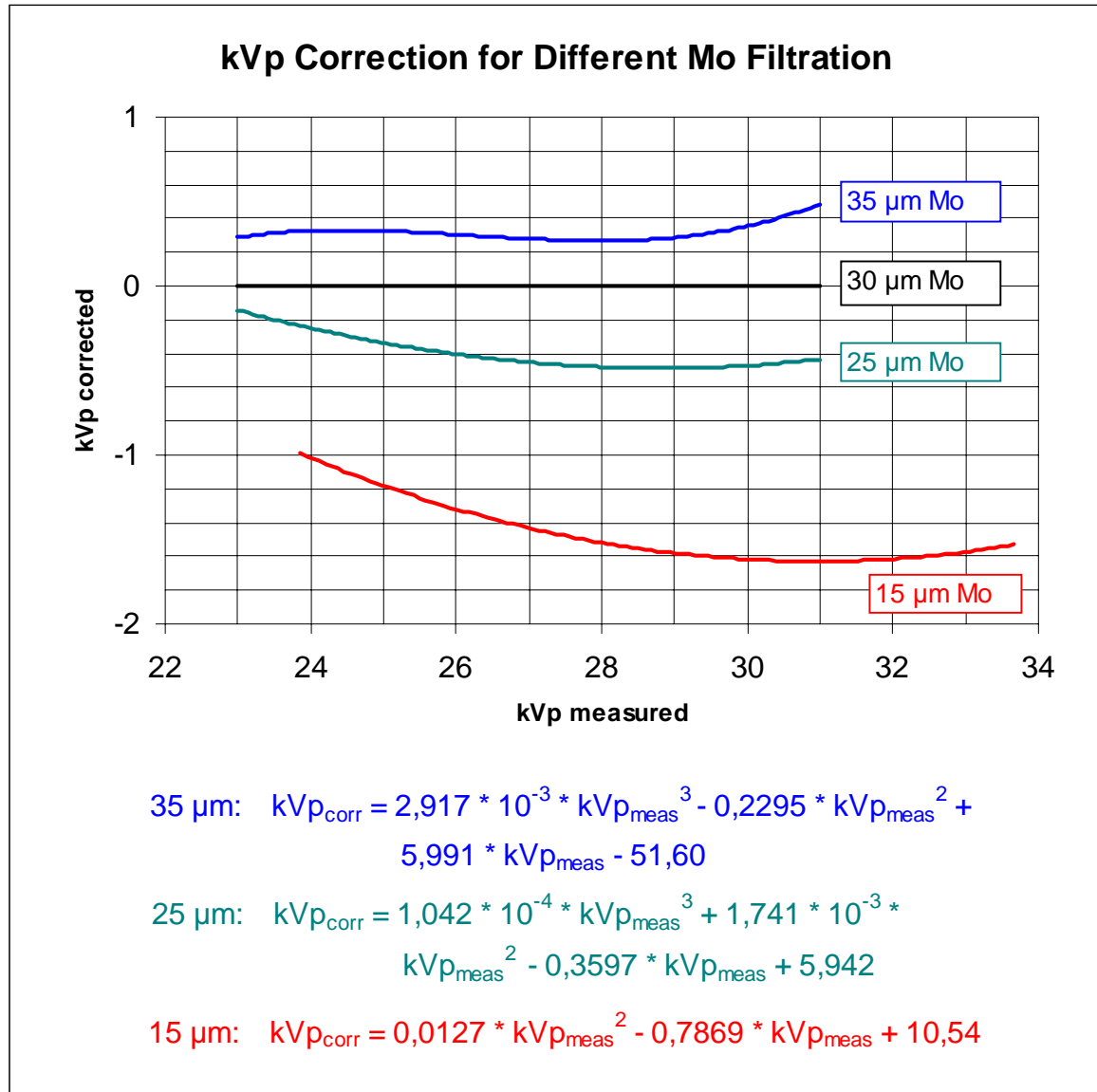
By

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kVp correction – CA 5, Mo / 30 μm Mo

The graphs below show the kVp correction for calibration CA 5 on the PMX-III. The corrections are valid for the MAM sensor, Mo target and filtration of 30 μm Mo.



Example:

Read kVp value on the PMX-III display = 25 kVp

Known total filtration = 15 μm Mo

kVp correction from the graph or from the equation above = -1,2 kVp

True kVp value = 25 kVp – 1,2 kVp = 23,8 kVp