
APPLICATION NOTE

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Dosimeter Ranges for PMX-III Used with the Dose Detectors R25 and R100

This application note describes the measuring ranges for the dose detectors R25 and R100, when used with PMX-III.

By

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The dose detectors R25 and R100 used with the PMX-III electrometer

The figure below shows the measuring ranges for PMX-III used together with the dose detectors R25 and R100. Ranges with the ADI modules 7-8/AP1, 7-8/AP2, 7-8/A, and 7-8/B are shown. ADI 7-8/AP1 and 7-8/AP2 are used to activate the amplification in the AMP-1 preamplifier. For PMX-III stand-alone measurements the shown units are the same as the PMX-III uses. Also the values are shown with the PMX-III display resolution. Note that when oRTigo is used, the ranges and the resolution are increased for some ADI modules. That depends on that the PMX-III display can not show higher values than 9999, and no more digits than four. With oRTigo the resolution, unit, and number of digits can be selected by user.

