New RaySafe X2 Feature – mAs Delay

The RaySafe X2 mAs sensor in the Base Unit, now includes a **mAs delay** feature, designed for radiation therapy applications involving linear accelerators (Linacs) with long generator-to-X-ray source cables (typically 15 m).

This feature allows users to exclude the initial phase of the pulse from measurements by setting a delay time, ensuring more accurate readings. By doing so the effect of the long cables is eliminated. If you have a previous version of the Base Unit and want to use this new feature, which is related to the built-in mAs sensor, you need to send it to any of our calibration labs for an upgrade.

Have a look below to see how this new feature can be accessed!

1. On the Base Unit, swipe right from this view to access the relevant menu.



2. In the display, select the "i" button for "mAs" to check information about the software version.



3. Make sure "**App**" (software version) is 2.12.7964 or newer and then hit the back arrow/rightmost button on the Base Unit.



4. Now select the "**mAs**" button on the display (instead of "**i**") to see all parameter settings, including "**mAs** delay".

X2 Base U	>	0		
mAs		>	0	
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5. At the bottom of the list you can see the current "mAs delay" setting.

Stop delay	0.5 s	>	U
Ignore prepulses	0 pulses	>	0
mA mode	mA	>	0
mAs delay	0 × 1⁄8 ms	>	6

6. You can change "**mAs delay**" setting by using the screen slider, see below.

		mAs delay			
1	\rightarrow	16 × ½ m	S	-	
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