



MioStar I

An Improved 1D-Detector

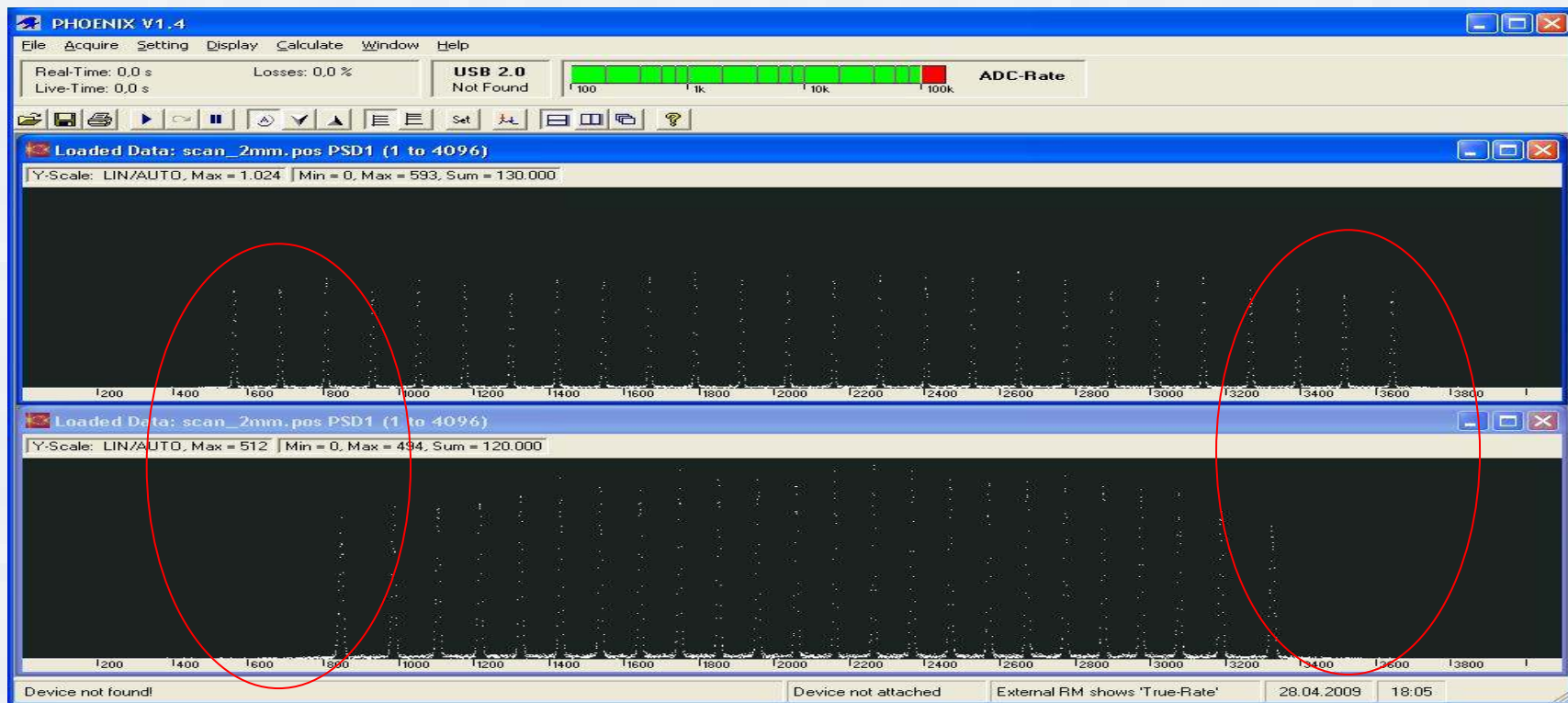




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- Look further - 20% increase of detection range

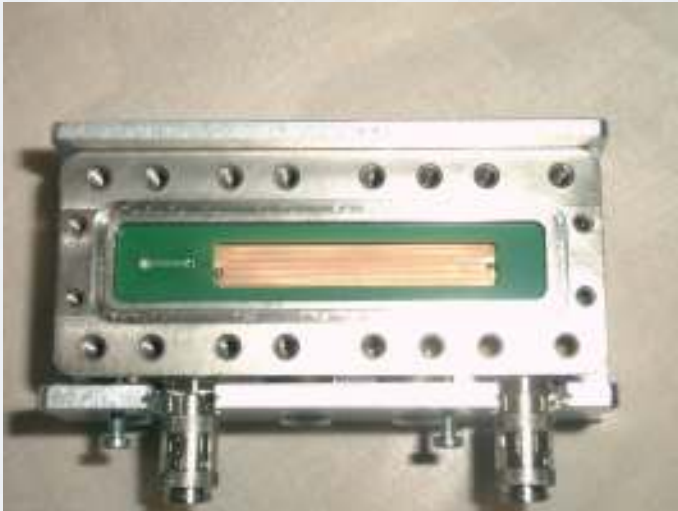
The active detection range has been increased from 50mm to 60mm still keeping the original detector outline dimensions. Therefore an upgrade of old 'MBraun' detectors can be easily done without changes.





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- Easy Maintenance



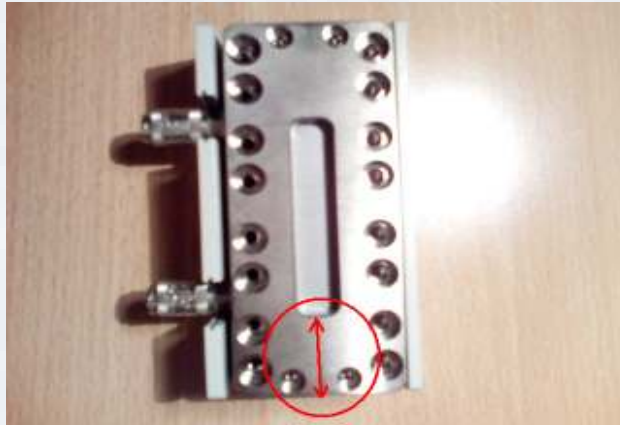
In order to facilitate the repair of the anode-wire, the wire is mounted on a stable FR4-carrier, which can be easily exchanged. Therefore a fast repair without special skills is possible. This feature also allows the use of gold wires (or any other), increasing the detector performance and reliability.

Moreover the entire detection chamber can be exchanged on-the-fly. No soldering equipment is needed!



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- Look closer - Smaller 'blind gap'



Distance from detector outline to active detection region has been reduced down to 20 mm. This is especially important in the case of cascading detectors, e.g. for SWAX measurements. The 'blind gap' between detectors is reduced to a minimum.

Despite the overall improvements, the price is low!