

## STOE STADI P and the MULTI-MYTHEN – The solution if one Dectris MYTHEN 1K is not fast enough

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Though the combination STOE STADI P and Dectris MYTHEN 1K detector enables the user to collect high resolution data over a large  $2\theta$  region in very short time, some experiments, especially in the wide field of non-ambient methods, require the possibility to take “snapshot patterns”.

Therefore the installation of two, three or four MYTHEN 2R modules on one detector-arm sharing the same DCS4 has been obvious. But how to handle the resulting gap between two sensors?

The solution, the MULTI-MYTHEN 2K, 3K or 4K as well as the two different measurement strategies and the various combinations of the MULTI-MYTHEN with the STOE powder diffraction accessories for Transmission / Debye-Scherrer geometry will be presented.

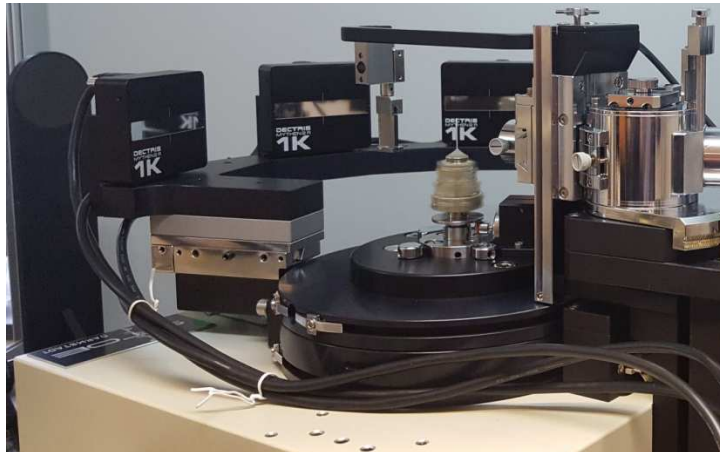


Figure 1: STOE STADI P in Debye-Scherrer geometry and a MULTI-MYTHEN 3K