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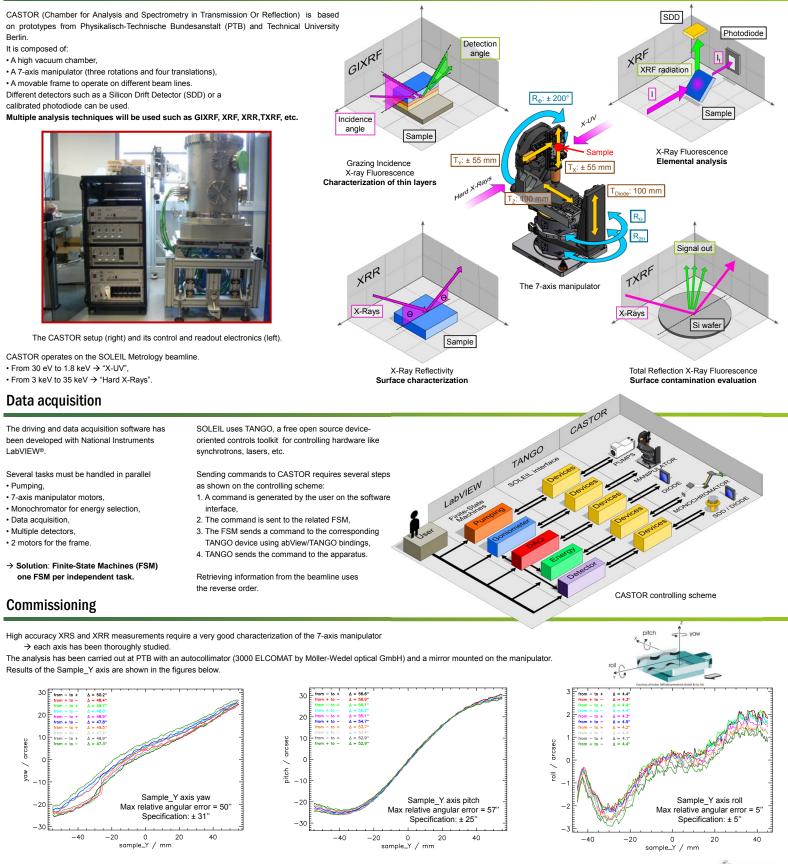


LNE

Thin films made of stacked multi-material layers have an increasing importance for high-technology industrial developments, for example, solar cells using HfO<sub>2</sub> or transparent conductive oxide made of ZnO. The performance of these materials is closely related to the quality of the interfaces between the different layers, the roughness and the homogeneity. So thorough studies of these properties must be carried out in order to obtain efficient devices. **Grazing incidence X-ray fluorescence techniques are of major interest as they can give information about in-depth and interface properties of micro and nano-structured materials.** 

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list



Both pitch and roll are better than the specifications. Yaw is slightly out of the specifications, but still acceptable.