

New Instrumentation for X-ray Powder Diffraction

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X-ray powder diffraction (XRPD) is widely used in industry, research as well as education. The available X-ray analysis tools for XRPD support a broad range of different analytical methods: qualitative and quantitative phase analysis, structure determination, non-ambient investigations and high-throughput screening to name just a view. While a research instrument needs to provide large flexibility, industrial QC/PC requires best dedicated performance for one application only.

Bruker AXS has implemented innovative technologies in order to open new applications and markets where traditional XRPD analysis was beyond the technical scope and investment capabilities.

We will present a new analytical system that combines reliable application, operating convenience, ergonomics and flexibility with the shortest possible measuring time and highest analytical performance.