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KWS-X: A Powerfull SAXS/WAXS Beamline at MLZ

Monday, May 27, 2024 2:25 PM (25 minutes)

The customized SAXS/WAXS instrument commenced user operation in April 2023. As a young member of our small-angle scattering instrument family, which utilizes X-rays as the primary beam, the new instrument is equipped with a high-flux Metal-Jet source and a movable Eiger 2R 4M SAXS detector. Additionally, it features a 4-axis motorized WAXS detector and a Bonse-Hart USAXS, enabling a wide range of scattering vector q , covering values from 0.0002 to 7 \AA^{-1} .

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