

Powder X-Ray Diffractometer < PDS-16 >



The diffractometer shown on the left is a specialized instrument for structural analysis of powder samples. An analyzer crystal and a detector are mounted on each detector arm. Only 15-degrees of rotation is required for measurement in an angle range of 60 degrees. This instrument incorporates MAX-G400 and MAX-G600. The axial coincidence of the θ - 2θ axes is kept at approximately 5 μm .

This instrument is now in service at SPring-8 (Super Photon ring-8 GeV) BL08B2 in Japan.