



Calculation and Combination Type DCM < HLD >



The positions of the two crystals in the instrument left are controlled to follow the orbit calculated by a computer. Multiple stages are used for position adjustment so that fine adjustment of Bragg angle and horizontal position adjustment of the beam are possible. Also the crystals are cooled with liquid nitrogen to withstand the thermal load of the beam. This instrument was installed at the Advanced Photon Source (APS) of the Argonne National Laboratory in the USA.