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cal components which first rotating means is behind the crystal mount;  
 means for tilting the crystals about the azimuth axis of the mounting block until the crystal normals lie in the horizontal plane, such that the same point on the crystal surface remains fixed; and  
 second rotating means for rotating the crystal mounting block assembly by 180 degrees about the azi-

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muth axis while maintaining the relative tilt between the two wafers, such that the same area of the crystal surface remains in the x-ray beam during the 180 degrees rotation; and  
 means for translating the crystals laterally in the horizontal plane while maintaining the crystal tilt axis stationary in the horizontal plane.

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