



Multipurpose 4-axis X-ray Diffractometer < NZD-1 >



The instrument shown above is a multipurpose 4-axis X-ray diffractometer system. This instrument was manufactured to observe onthespot proteins grown in a gravity-free state and a samples grown in an electric furnace. For X-rays generated by an X-ray generator, energy resolution can be increased by means of a double/quadruple crystal monochromator. Also the sample goniometer stage can be changed by removing the stage depending on the measurement mode: protein measurement or on-the-spot observation. Also the mode can be switched between one-time reflection and three-time reflection before the analyzer crystal.