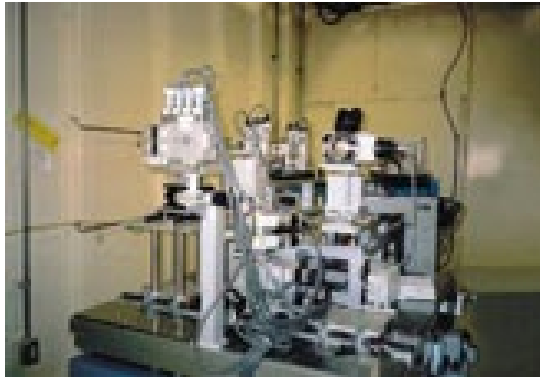


Microbeam System < HSM-15 >



The instrument shown on the left enables X-rays to be focused to submicron size through a Fresnel zone-plate. A beam like the tip of a needle is used for research on X-ray diffraction measurements and fluorescent X-ray analysis in a very small area. The Fresnel zone-plate condenser and the sample observing microscope can be toggled with the touch of a single button. Also to observe very small samples, the rotation center displacement of the rotation stage is kept at 1 μm or less. This instrument is now in service at the SPring-8 (Super Photon ring-8 GeV) BL24XU in Japan.