



Flat Specimen Holder 670.1

The Flat Specimen Holder 670.1 is the standard choice for measuring powder samples under normal laboratory conditions. It is ideal for the generation of very fine peaks at high intensities.

The powder is applied to a 6 μ m thick mylar mounting foil 10 x 20mm in size. The X-ray asymmetrically penetrates the sample surface at an angle of 45°, whilst the sample oscillates in its plane at approximately 1 Hz with an amplitude of 10mm. This compensates for intensity variations caused by the variously orientated powder particles.

