



Sample

A green arrow points from the text "Sample" to a small green circle representing the sample, which is mounted on a vertical green stem.

D_z

A red arrow labeled D_z points vertically upwards from the sample, representing a displacement or detector response along the z-axis.

D_y

A red arrow labeled D_y points diagonally upwards and to the right from the sample, representing a displacement or detector response along the y-axis.

Focusing
Optics

A purple rectangular box labeled "Focusing Optics" is positioned to the right of the sample. The pink beam from the detector passes through this box and is focused into a dark red beam.

X-ray

The dark red beam, now labeled "X-ray", continues to the right from the focusing optics.

Position Stage

A large tan rectangular box labeled "Position Stage" is located below the sample. The sample is mounted on a vertical stem that extends from the top of this stage.

