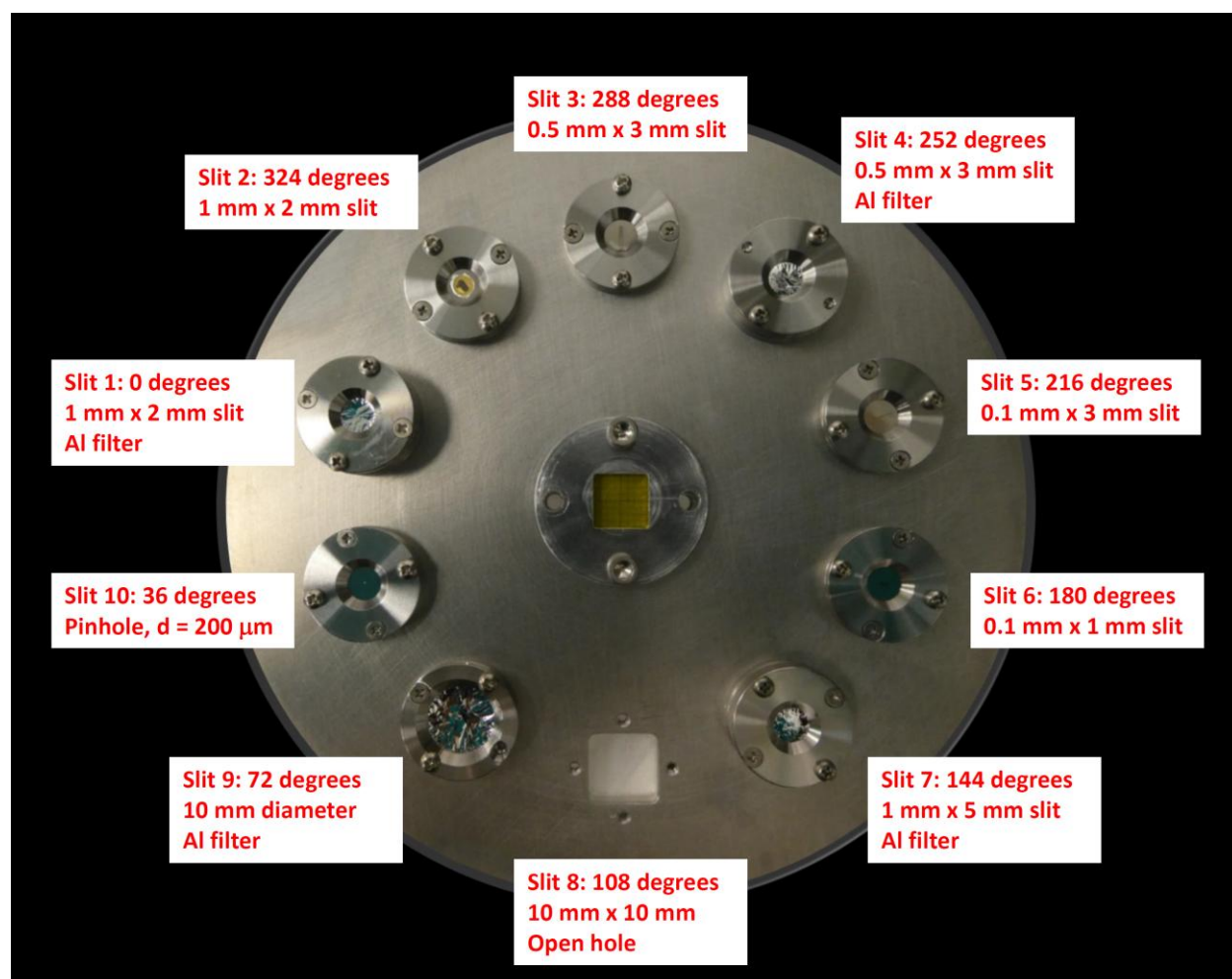


For Silicon Drift Detector (SDD arm)



For Photodiode: above angle $\pm 180^\circ$

Detector	detz height	tth offset	Max. intensity
Photodiode	40.0	0.0	$\sim 10^{-5}$ A
MCP ($\varnothing = 25$ mm)	0.0	20.6	≤ 100 Kcps
SDD arm ($\varnothing = 4.65$ mm)	-40.0	0.0	≤ 80 Kcps

The distance from sample to the detectors $\cong 300$ mm

Detector	fixed tth	chi offset	Max. intensity
SDD xrf ($\varnothing = 4.65$ mm)	~ 144.0	~ 3.0	≤ 100 Kcps

The distance from sample to the detector $\cong 135$ mm