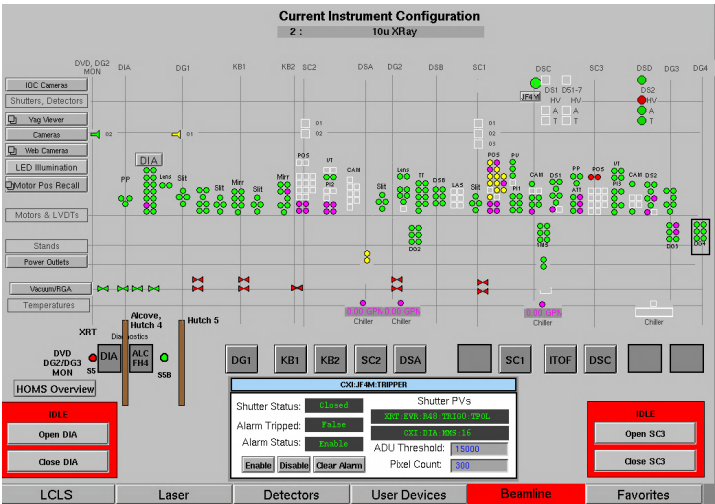


Annotated model of CXI

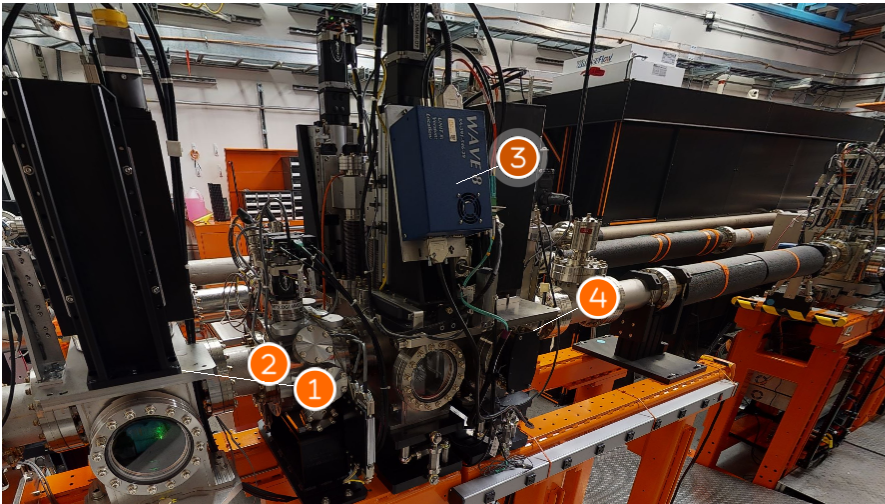
CXI Home



CXI Stands

DIA -> DG1 -> KB1 -> KB2 -> SC2 -> DSA -> DG2 -> DSB -> SC1 -> DSC -> SC3 -> DSD -> DG3 -> DG4

Example of the annotated model



3

DG1 IPM:
Intensity Position
Monitor

The Intensity Position Monitor (IPM) is a diagnostic device that measures the shot-to-shot pulse intensity (I0) and position fluctuations. The IPM consists of two quadrant diode arrays, also known as the Wave8.

MF3: mfx_dg1_ipm

[More information on Confluence](#)

Link to Confluence page and 3D model for all CXI components

Stand	Abbreviation	Component	3D Matterport model link
DIA (in XRT)	PP	Pulse picker	-
	ATT	Attenuators	-
	Lens	Prefocusing lens	-
DG1	Slit	DG1 Jaws	link

	PIM	DG1 Position Intensity Monitor	link
	Ref	Reference Laser	link
KB1	Slit	KB1 Upstream Jaws (JawUp)	link
	Mirr	KB1 Mirrors (micrometer focus)	link
	Slit	KB1 Downstream Jaws (JawDown)	link
KB2	Mirr	KB2 Mirrors (nanometer focus)	link
SC2	Slit	SC2 Slits	link
	-	SC2 Chamber	link
	Apr	SC2 Apertures	-
	PI	Pegasus Injector	link
	CAM	SC2 Questar Camera	link
DSA	DS2	Detector Stand 2	link
	-	DSA Lamp Control	link
DG2	Slit	DG2 Jaws	link