Single Element Series

Example Configuration 1 : XSDD50-01GRCH-SYS

Silicon Drift Detector
XSDD50-01GRCH
1 Unit

Tube length:
Standard 200 mm
(* Customizable)

Digital Spectrometer for XAFS Measurement
APU101X
1 Unit

Example Configuration 2 : XSDD50-01GRCL-ICF-SYS

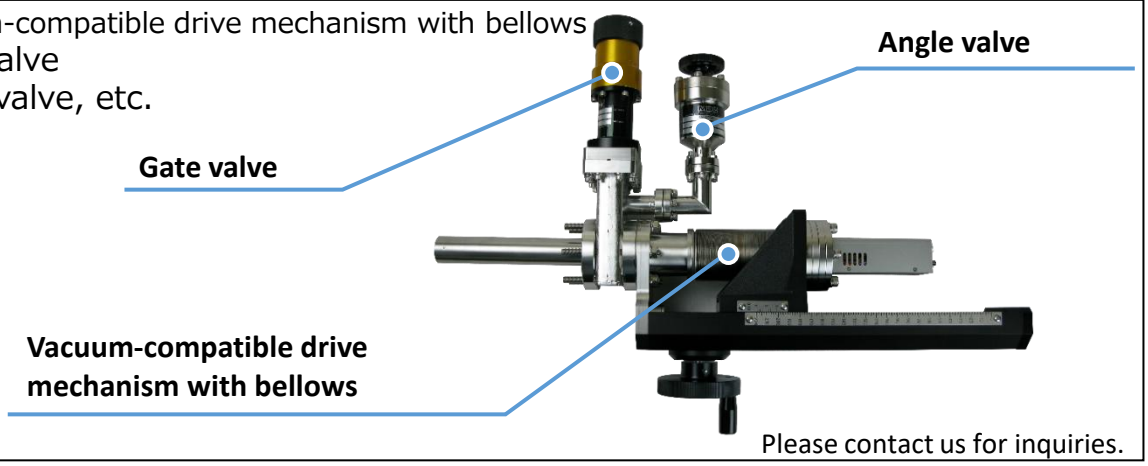
Vacuum-Compatible Silicon Drift Detector
XSDD50-01GRCL-ICF
1 unit

Tube length: Standard 200 mm
(* Customizable)
Flange: ICF70

Digital Spectrometer for XAFS Measurement
APU101X
1 Unit

Options

- Vacuum-compatible drive mechanism with bellows
- Gate valve
- Angle valve, etc.



Please contact us for inquiries.

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Single Element Series

Example Configuration 1:XSDD50-01GRCH-SYS

Silicon Drift Detector
XSDD50-01GRCH
1 Unit

Tube length:
Standard 200 mm
(* Customizable)

Digital Spectrometer for XAFS Measurement
APU101X
1 Unit

Window Material List

Type	Model Notation	Thickness	Remarks
Windowless	WL	-	Compatible with He and N atmospheres.
Graphene	GRCH	1 μm	For high energy. Compatible with 8 μm and 12.5 μm Be windows. No support grid.
	GRCL	165 nm	For low energy. Silicon support grid (86% open area ratio).
Silicon Nitride	C1	150 nm	Light-tight.
	C2	40 nm	Not light-tight. Not compatible with He atmosphere.
Beryllium	Be	12.5 μm	

Signle Silicon Drift Detector Series

Window Material	Environment		Light Shielding	Active Area / Collimated Area	Model
	Atmosphere	Vacuum			
WL	×	○	Required	41 mm2/28 mm2	XSDD30-01WL-ICF
				65 mm2/47 mm2	XSDD50-01WL-ICF
GRCH	○	○	-	41 mm2/28 mm2	XSDD30-01GRCH(-ICF)
				65 mm2/47 mm2	XSDD50-01GRCH(-ICF)
GRCL	○	○	Required	41 mm2/28 mm2	XSDD30-01GRCL(-ICF)
				65 mm2/47 mm2	XSDD50-01GRCL(-ICF)
C1	○	○	-	70 mm2/50 mm2	XSDD50-01C1(-ICF)
C2	○	○	Required	70 mm2/50 mm2	XSDD50-01C2(-ICF)
Be	○	○	-	70 mm2/40 mm2	XSDD1T50-01Be(-ICF)

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