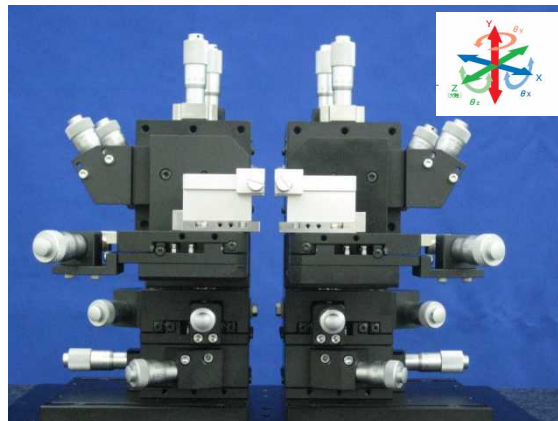


Device Alignment Unit

DAU-080M-L/DAU-080M-R

- Manual Coupling unit for Fiber Alignment
- Assembly of high resolution tilt stage and new feature XYZ stage
- Performance-proven TSD series guide is adopted

- Device holders adopted magnetic feature are assured of simple and firm attachment/detachment.
- Expansion in application can be made by switching holder when device has been changed.



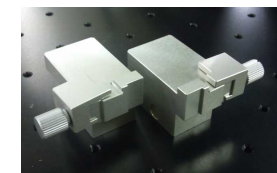
Features

- Newly-developed high resolution tilt stage adopted, which employed performance-proven TSD series guide.
- XYZ stage enables simple operation by separating coarse and fine micrometers.
- Optional magnet device holders can be detached by one-touch operation.
- θz axis is suitable for adjustment towards array direction, long stroke and high resolution.

Specifications

Part Number	Axis	X	Y	Z	θx	θy	θz
DAU-080M-L	Travel	$\pm 6.5\text{mm}$	$\pm 6.5\text{mm}$	$\pm 6.5\text{mm}$	$\pm 2.5^\circ$	$\pm 2.5^\circ$	$\pm 5^\circ$
	Resolution	C:0.01mm F:0.0005mm	C:0.01mm F:0.0005mm	C:0.01mm F:0.0005mm	≈ 27.8 arcsec.	≈ 27.8 arcsec.	≈ 26.8 arcsec.
DAU-080M-R	Travel	$\pm 6.5\text{mm}$	$\pm 6.5\text{mm}$	$\pm 6.5\text{mm}$	$\pm 2.5^\circ$	$\pm 2.5^\circ$	$\pm 5^\circ$
	Resolution	C:0.01mm F:0.0005mm	C:0.01mm F:0.0005mm	C:0.01mm F:0.0005mm	≈ 27.8 arcsec.	≈ 27.8 arcsec.	≈ 26.8 arcsec.

Options

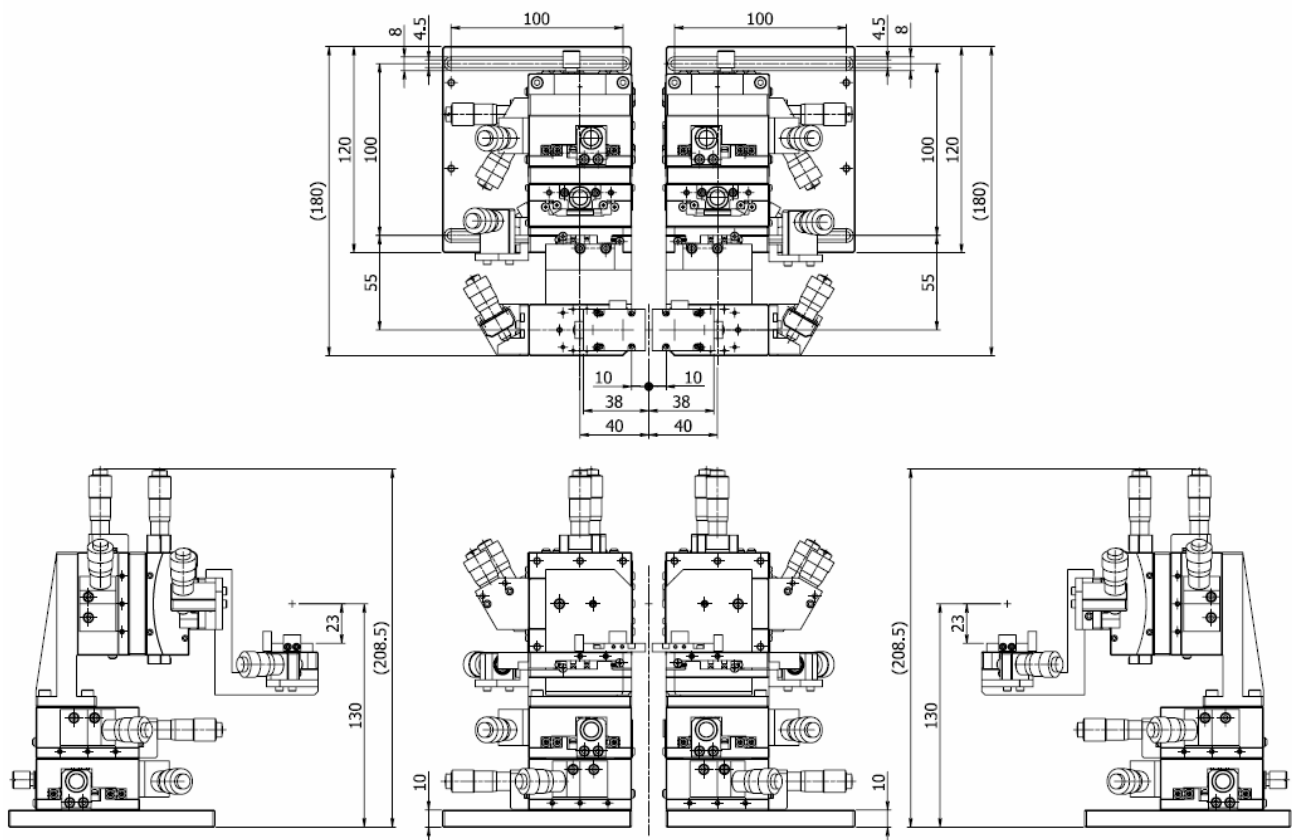


Device Holders

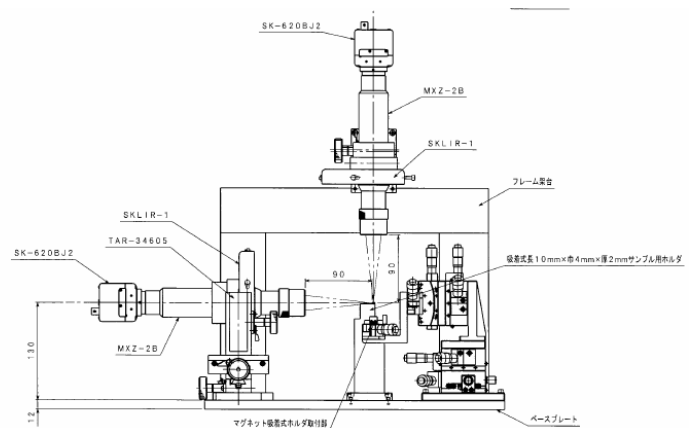
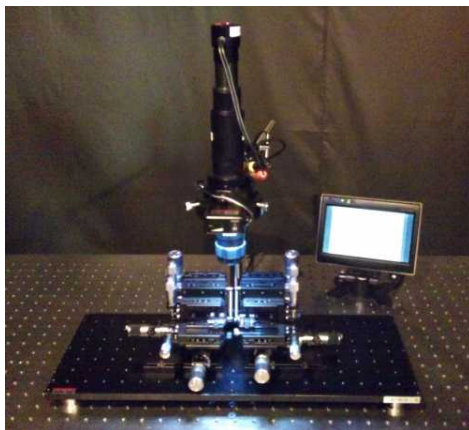


Accessories for Observation

Exterior drawings



Example of application



Combination with Observation Unit



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※Design and specification of product is matter to change without notice.

DAU-080M-E1110