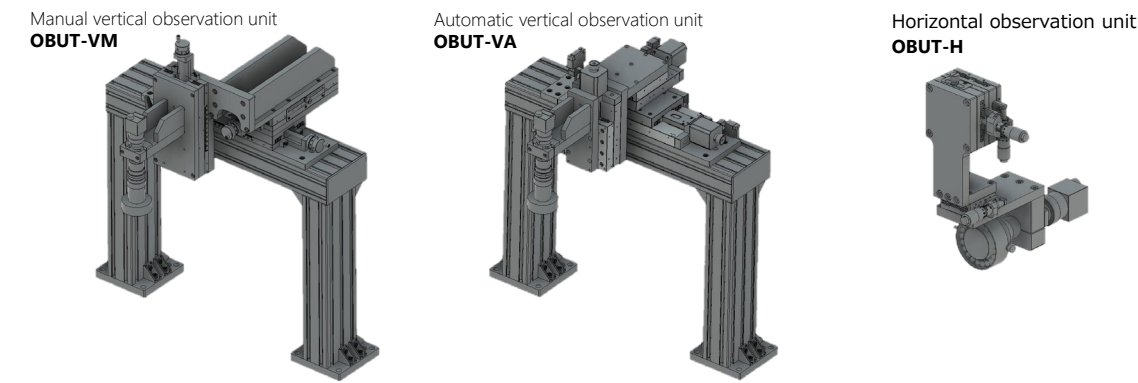


This unit is used to observe waveguide end faces, fiber end faces, devices, etc.

- The camera can be used to observe the positional relationship of samples.
- The vertical observation unit and the optional horizontal observation unit realize observation from both directions.
- The adjustment of the unit can be selected between manual and automatic stages.
- Vertical observation is standard with variable magnification using a zoom lens.
- Horizontal observation is at a fixed magnification (1x), but can be changed to a zoom lens upon request.



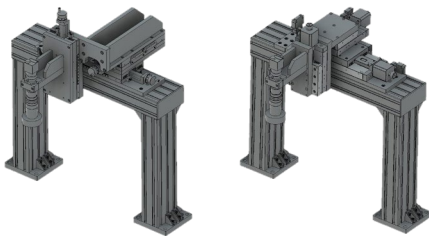
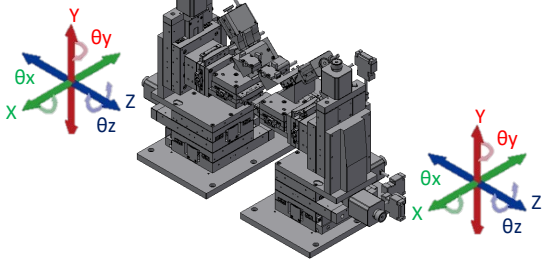
Guide

- The DAU-8100A series fiber alignment unit can be used in combination this unit to construct a system that enables observation of fiber alignment.
- Please contact our sales department for any additional specifications not listed here..

Attention

- OBUT-VA/OBUT-VM are equipped with red fixing brackets for stage protection. Use of these brackets when moving the equipment reduces the risk of stage malfunction. However, operating the stage with the metal fixing brackets attached may cause malfunction, so please make sure that the metal fixing brackets are removed before operating the stage.

W2092 Motorized Optical Fiber Alignment Stage Unit
DAU-8100A series



Common Specifications (OBUT-VM/VA)


Observation magnification	0.66x – 4x
FOV of camera	1.42mmx1.07mm - 8.63mmx6.47mm
Resolution	16.8μm - 7.1μm

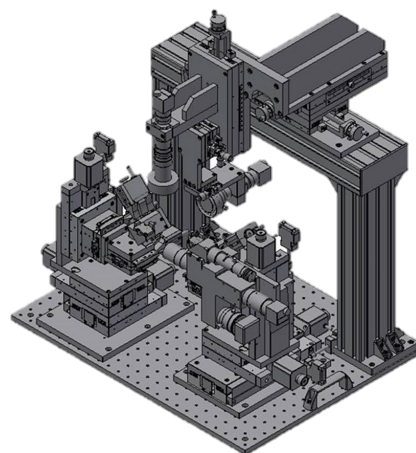
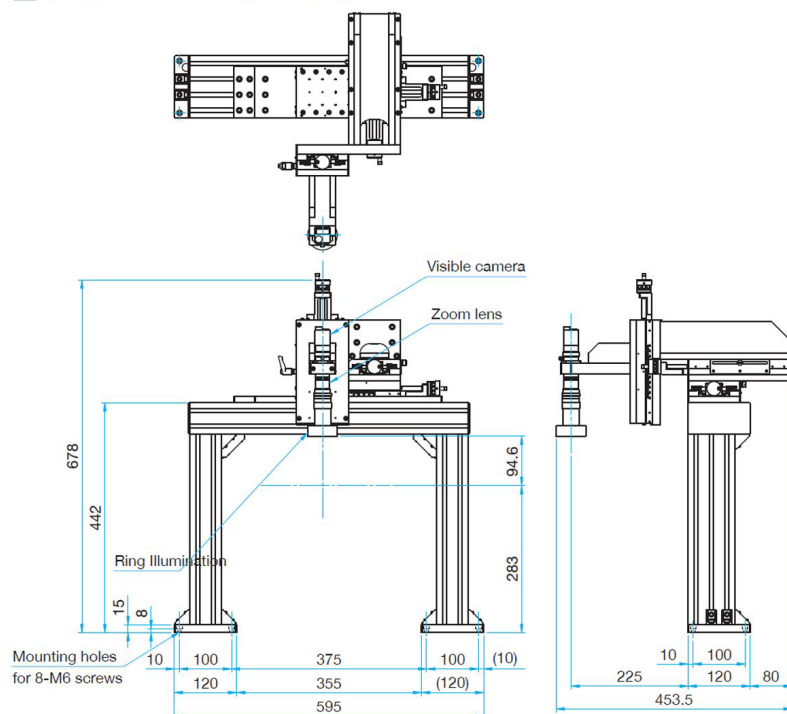
For moving units, we have a lineup of manual and automatic stages.

Specifications					
Part Number	Products Name	Axis	X	Y	Z
OBUT-VM	Manual vertical observation unit	Component Products/ Part Number	TAMC-10201	TAMC-10201	TAMC-10201
		Travel	100mm	100mm	100mm
		Resolution (min. reading)	0.02mm	0.02mm	0.02mm
OBUT-VA	Automatic vertical observation unit	Component Products/ Part Number	TAMM100-50C	TAMM100-50C	TAMM100-50C
		Travel	50mm	50mm	50mm
		Resolution (Full)	2μm	2μm	2μm
		Resolution (Half)	1μm	1μm	1μm
		Positioning Accuracy	<6μm	<6μm	<6μm
		Positional Repeatability	<1μm	<1μm	<1μm

OBUT-E2402

OBUT-VM

 Hexagonal socket head cap screw M6×15...8 screws



Configuration example)

OBC-4560-M6

Optical Baseplates (With attached grips)

DAU-8100A-L

Motorized 6-axis Optical Fiber Alignment Stage Unit

DAU-8100A-R-SC

Motorized 6-axis Optical Fiber Alignment Stage Unit


OBUT-VM

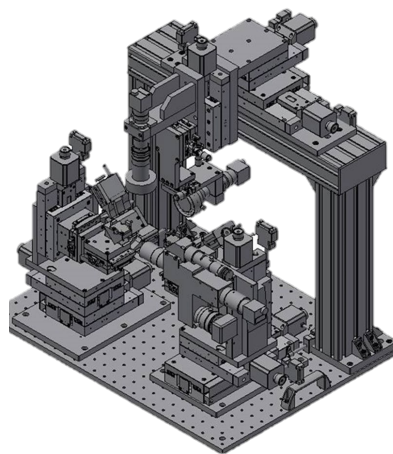
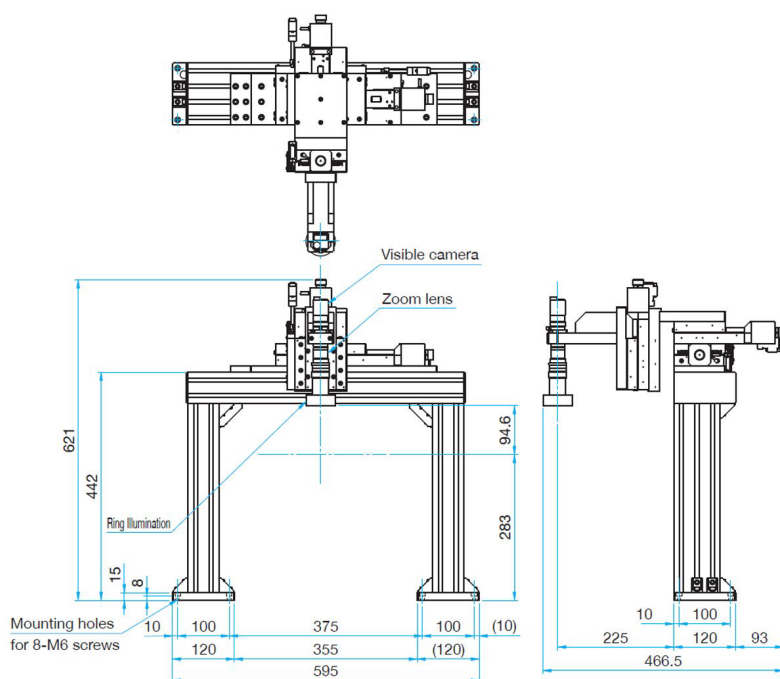
Manual Vertical Observation Unit

OBUT-H

Horizontal Observation Unit

OBUT-VA

 Hexagonal socket head cap screw M6×15...8 screws



Configuration example)

OBC-4560-M6

Optical Baseplates (With attached grips)

DAU-8100A-L

Motorized 6-axis Optical Fiber Alignment Stage Unit

DAU-8100A-R-SC

Motorized 6-axis Optical Fiber Alignment Stage Unit

OBUT-VA

Automatic Vertical Observation Unit

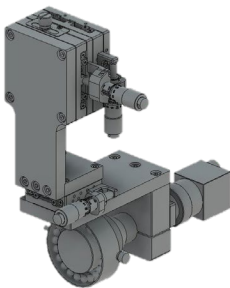
OBUT-H

Horizontal Observation Unit

Horizontal observation unit OBUT-H

Outline Drawing (in: mm)

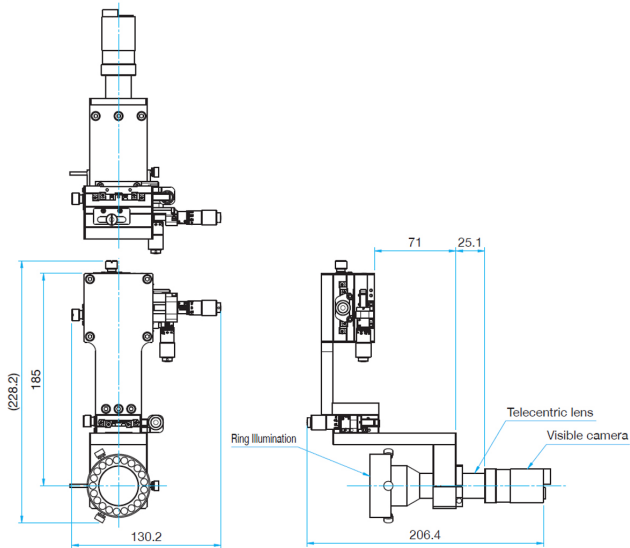
- Horizontal observation is at a fixed magnification (1x), but can be changed to a zoom lens upon request.



Observation magnification	1x
FOV of camera	5.70mmx4.27mm
Resolution	5.5µm

OBUT-H

Hexagonal socket head cap screw M4×6...4 screws



Specifications					
Part Number	Products Name	Axis	X	Y	Z
OBUT-H	Horizontal Observation Unit	Component Products/ Part Number	TADC-401SR	TADC-401SR	TADC-401SR
		Travel	±6.5mm	±6.5mm	±6.5mm
		Resolution (min. reading)	0.01mm	0.01mm	0.01mm

Fiber Holders

Various other fiber holders are available. Please check our website.



FHMF series

Fiber Holders



FHRM series

Rotating Fiber Holder



FHRA series

Automatic Rotating
Fiber Holder
(without suction function,
magnetic clamp)



FHRAW series

Automatic Rotating
Fiber Holder
(with suction function, vacuum suction +
magnetic clamp)



FHRMW series

Rotating Fiber Holder
(with adsorption function)



ARH series

Fiber Array Holders



FHMF-GC08 series

Fiber Holder for Grating
Coupler



ARH-GC08 series

Array Holder for Grating
Coupler