

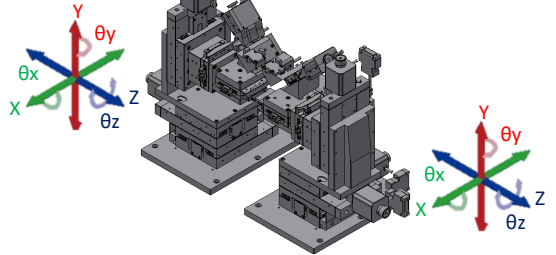
# Rotating Fiber Holder with Coarse/Fine Adjustment **FHRS/FHRSW** RoHS

Rotating fiber holder with coarse/fine adjustment to rotate and align the polarization plane of polarization-maintaining fibers. It is used by attaching it to the holder mounting section of the alignment unit.



- The plastic pushers have built-in magnetizing set bolts, gently clamps the polarization-maintaining fiber by the magnetic force of the fiber holder's magnets.
- Attachment to the fiber alignment unit is a one-touch operation using magnets for easy connection and disconnection.
- Can be attached to the DAU series fiber alignment unit.

Catalog Code **W2092**



## Guide

- We have two types of fiber holders: the FHRSW series with a suction function at the tip and the FHRS series without a suction function. We also have three jacket diameters of 250 μm, 400 μm, and 900 μm. All cladding diameters are specified at 125 μm.
- The FHRSW series comes with a vacuum suction tube (2m).
- Various other fiber holders are available.

## Attention

- When removing the fiber retention unit, please do so at the 0 degree position. A vacuum pump is also required to use the adsorption mechanism. Please contact our sales department for information on vacuum pump peripheral equipment.

## Fiber Holders Other fiber holders are available.



**FHM** 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



**FHM-FGC08** series  
Fiber Holder  
for Grating Coupler



**ARH-FGC08** series  
Array Holder  
for Grating Coupler

■ Rotating Fiber Holder with Coarse/Fine Adjustment (Without suction function: **FHRS**)

Specifications				
Part Number		<b>FHRS-125/250L</b>	<b>FHRS-125/400L</b>	<b>FHRS-125/900L</b>
(Opposite Model)		<b>FHRS-125/250R</b>	<b>FHRS-125/400R</b>	<b>FHRS-125/900R</b>
Mechanical Specifications	Travel [°]	Coarse: 360, Fine: ±5		
	Fiber optic jacket diameter [μm]	250	400	900
	Fiber optic cladding diameter [μm]	125		
	Fine Resolution [°/rotation]	1.3		
	Fine Resolution [°/DIV]	0.026		
	Primary Material	Aluminum		
	Finish	Black anodized		
	Weight [kg]	0.16		

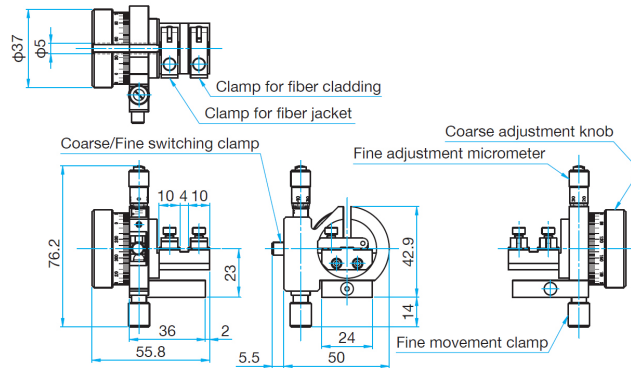
■ Rotating Fiber Holder with Coarse/Fine Adjustment (With suction function: **FHRWS**)

Specifications				
Part Number		<b>FHRWS-125/250L</b>	<b>FHRWS-125/400L</b>	<b>FHRWS-125/900L</b>
(Opposite Model)		<b>FHRWS-125/250R</b>	<b>FHRWS-125/400R</b>	<b>FHRWS-125/900R</b>
Mechanical Specifications	Travel [°]	Coarse: 360, Fine: ±5		
	Fiber optic jacket diameter [μm]	250	400	900
	Fiber optic cladding diameter [μm]	125		
	Fine Resolution [°/rotation]	1.3		
	Fine Resolution [°/DIV]	0.026		
	Primary Material	Aluminum		
	Finish	Black anodized		
	Weight [kg]	0.2		

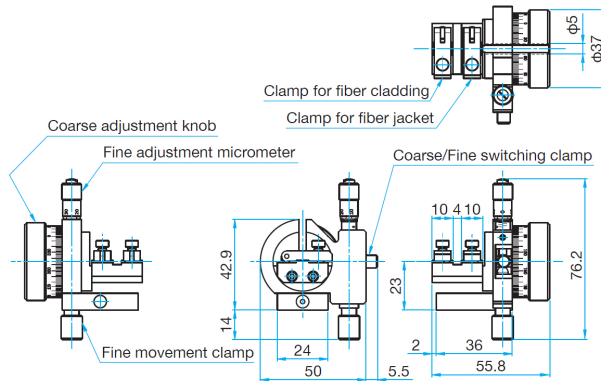
\*Accessories for FHRWS series Vacuum suction tubes (2 m)

Air fitting: LC-0425-M3(Nihon Pisco Co., Ltd.) Applicable tube inner diameter: φ2.5

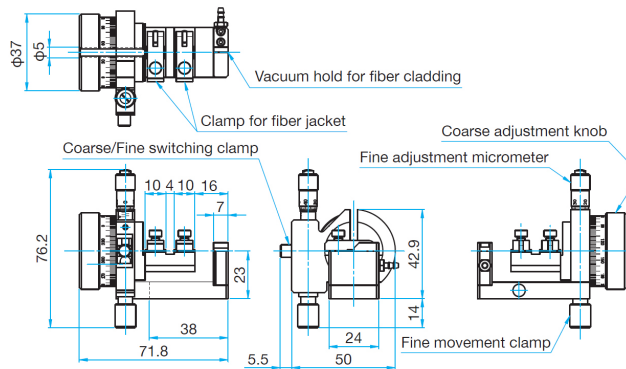
**FHRS-125/\*\*L**



**FHRS-125/\*\*R**



**FHRWS-125/\*\*L**



**FHRWS-125/\*\*R**

