

## Vacuum iris diaphragm holder | VIH

NEW

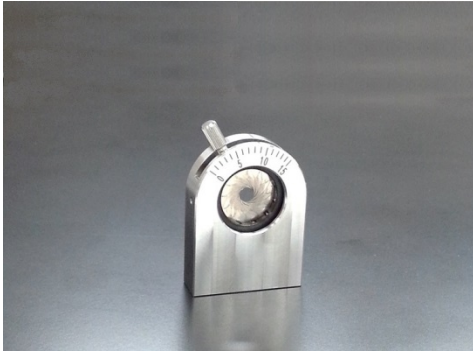
RoHS

Catalog Code

W4152

**Stainless steel iris diaphragm holder can change its aperture size. Uses for optical axis alignment of the laser beam and blocking the return light or stray light.**

- These can be used for UV laser optical system and in the clean room.
- By sliding the adjustment lever, 12 diaphragm blades can be controlled and aperture will have a shape similar to a circular shape. By turning the adjustment lever, the aperture diameter can be fixed.
- The scale for aperture diameter is in the front of the holder.
- Screw hole grooving and vent hole processing are applied to prevent the out-gas emits when forming vacuum.



### Guide

- ▶ We deliver the item with specialized vacuum packaging to keep its high clean state from the factory to the destination.
- ▶ We provide vacuum pedestal bases (VPST) and posts (VRO).

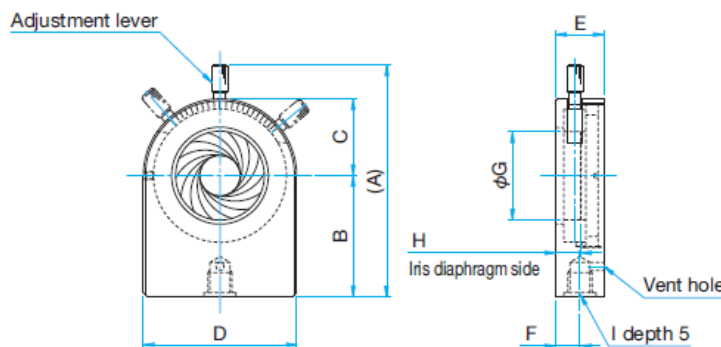
▶ WEB Reference Catalog Code W6108, ▶ WEB Reference Catalog Code W6107

### Attention

- ▶ Diaphragm blades of vacuum iris diaphragm holder acts like mirror because of no black anodized. Therefore if laser beam is irradiated, a part of incident light will reflect and return to the optical path.
- ▶ The iris diaphragm is a very delicate mechanism. Pushing or pulling the blades cause malfunction and it cannot be recovered.
- ▶ Heat from high power lasers may deform the blades and cause them to seize.
- ▶ Please open the package in the clean environment. Please do not touch it by your bare hands.

### Outline Drawing

#### VIH-15/22/36



Part Number	A	B	C	D	E	F	G	H	I
VIH-15	43	20	15	30	10	5	15	5.2	M4
VIH-22	57.5	30	19	38	12	5	22	6.2	M6
VIH-36	75	35	30	60	12	6.4	36	6.9	M6

### Specifications

Primary material: Steel  
Finish: None

Part Number	Aperture Diameter		Weight [kg]
	MAX [mm]	MIN [mm]	
VIH-15	φ15	φ0.9	0.06
VIH-22	φ22	φ0.9	0.10
VIH-36	φ36	φ1.3	0.15



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