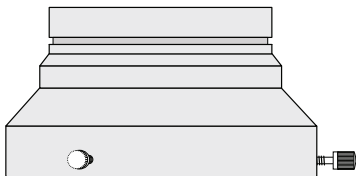# ikelite

5516.45 MIL Flat Macro Port Standard - Instruction Manual

Thank you for your purchase of Ikelite equipment. Please read this instruction manual completely before attempting to operate or dive with this product. Please refer to the back page of this manual to register your Ikelite product.

The **5516.45 MIL Flat Macro Port Standard** is a low-volume flat port for use with most shorter length mirrorless interchangeable macro lenses. A 67mm threaded front allows for the attachment of external wet lenses. Add an external macro lens for super close-up work of tiny subjects.

The front of the port accepts our standard 3.0-inch diameter color filters, including the yellow barrier filter for fluorescence photography.

See the MIL Port System section at **ikelite.com** to view lens compatibility.

What's in the Box

- Flat Port
- Neoprene Cover
- Spare Thumb Screws
- Spare o-ring
- Silicone Lubricant 1cc Tube

Removing an attached Dome Port

No tools are needed to remove an existing Dome Port and attach the optional Flat Port to your housing, **Diagram A**.

1. Three Thumb Screws secure the Port on the Base. Turn each Thumb Screw counterclockwise so at least 3 to 4 threads are showing.
2. Gently lift the Dome Port off the Port Base, **Diagram B, Page 3**. If the Port seems stuck, loosen the three Thumb Screws another turn or two until the Port can be removed.
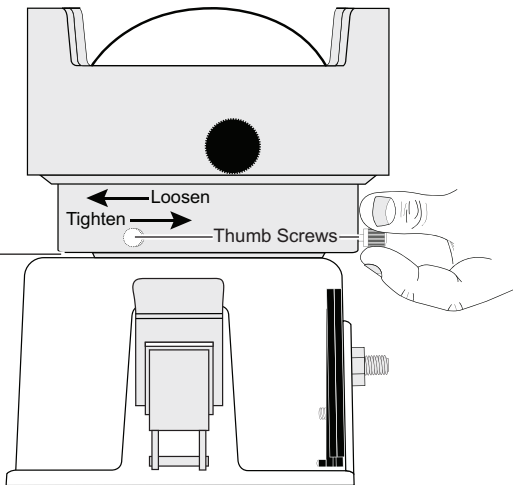3. REMOVE the gear sleeve.

Caution: ⚠ DO NOT leave the Port off the Port Base for extended periods of time. This can result in debris being attracted to the Port Base O-ring, **Diagram B, Page 3**, resulting in a bad seal.
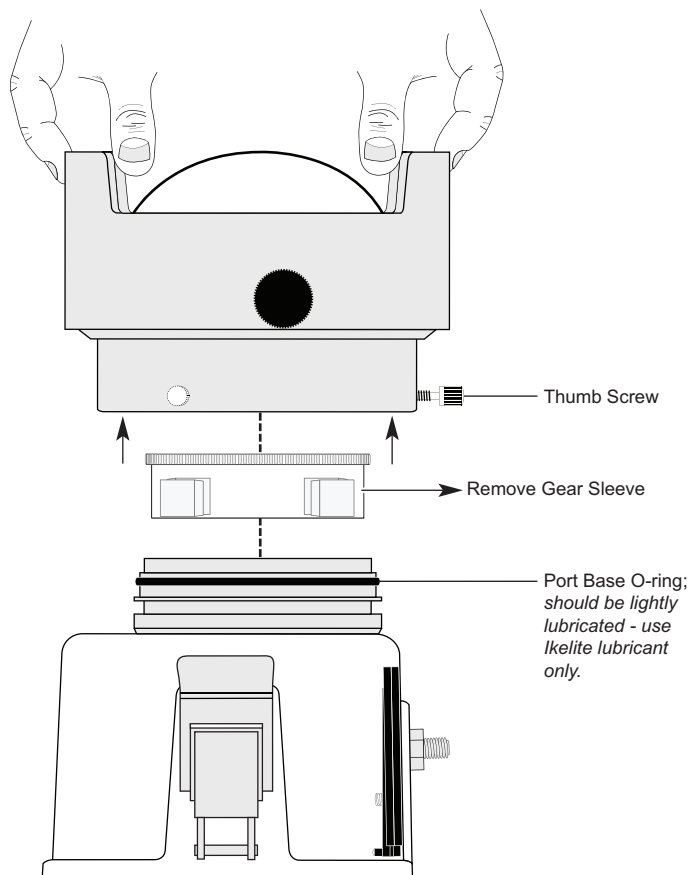
Diagram A

Approximately 5/32-inch or less gap will be present between the Housing Front and bottom of Port when the Dome or Flat Port is properly installed.

Loosen
Tighten
Thumb Screws

Diagram B

Thumb Screw

Remove Gear Sleeve

Port Base O-ring;
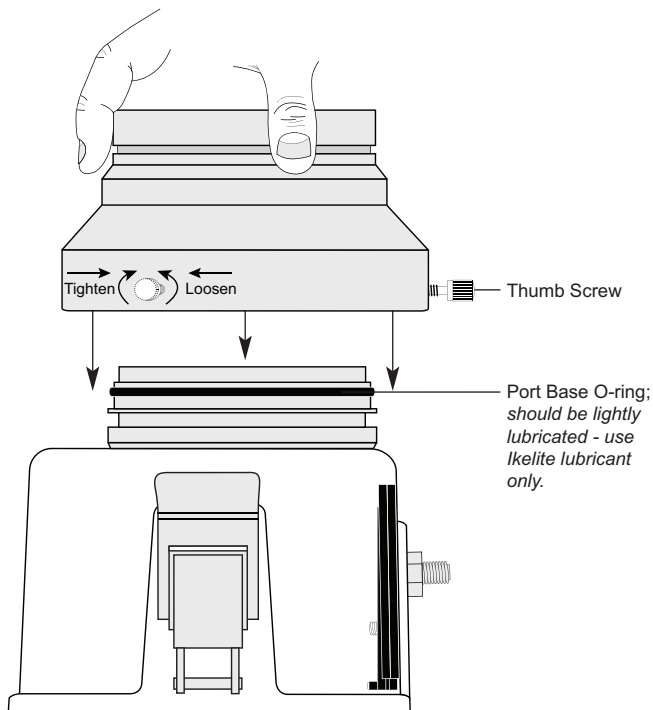*should be lightly
lubricated - use
Ikelite lubricant
only.*

Installing the Flat Port

1. First check to see that there is a thin film of lubricant on the Port Base O-ring. The o-ring should appear slick. If necessary, relubricate with the supplied Ikelite lubricant. Do not use excessive lubricant which can attract hair or other debris. Use ONLY Ikelite lubricant.
2. Make sure the o-ring is free of hair or other debris.
3. Lift and REMOVE the gear sleeve from inside the Port Base. Place the Gear Sleeve in storage for later use with the Dome Port.
4. Slide the Flat Port over the Port Base until it STOPS, **Diagram C, Page 5**. When properly installed, there should only be an approximate 5/32-inch or less gap between the bottom of the Port and the front of the housing, **Diagram A, Page 2**.
6. Snugly tighten the three thumb screws into the Port Base. DO NOT overtighten. No Thumb Screw threads will be visible once the Port is properly secured.

* The gear sleeve must be removed BEFORE using the Flat Port.

* We recommend placing the closed housing in a pool or bathtub to assure proper installation and watertightness before installing your camera.

Diagram C

Tighten   Loosen

Thumb Screw

Port Base O-ring;
*should be lightly
lubricated - use
Ikelite lubricant
only.*

Spare Parts

Can be ordered through any Ikelite dealer or by calling Ikelite customer service

- 0184.2 Silicone lubricant 2cc resealable tube
- 0203.89 Thumb Screw

Customer Support

Ikelite Underwater Systems
Service Department
50 West 33rd St.
Indianapolis, IN 46208 USA

Email: ikelite@ikelite.com
Phone: 317-923-4523

Limited Warranty

This Ikelite product is warranted against any manufacturing defects for a period of one (1) year from the original date of purchase. Defective products should be returned to Ikelite postage paid. Ikelite will, at its sole discretion, repair or replace such products, and will return to customer postage paid. All other claims of any nature are not covered. Except as mentioned above, no other warranty expressed or implied applies to this Ikelite product**.**

Returning Products For Service

Ikelite is most interested in performing any service to ensure that all products perform as intended. Evidence of purchase date must be provided to obtain warranty service.

No prior authorization is required. You may return directly to us or through your dealer. Please include a brief description of the problem, any relevant email correspondence, and/or instructions on what you want us to do. Always include name, shipping address, email address, and phone number inside of the package. Send postage paid to:

Ikelite Underwater Systems
Attention: Service Department
50 West 33 Street
Indianapolis, IN 46208 USA

No reimbursements for postage paid will be issued.

You may also want to insure the package.

Returning Products for Service - outside the United States

For the separate international customs documentation form that you complete to accompany the shipment, please state or designate that the enclosed products were originally manufactured in the USA and are being returned to the manufacturer for repair service. Value of the equipment listed for customs purposes should be zero.

Product Registration

Please go to **www.ikelite.com** to register your Ikelite housing within 15 days of purchase.

Ikelite Underwater Systems
50 West 33rd Street
Indianapolis, IN 46208 USA

www.ikelite.com