



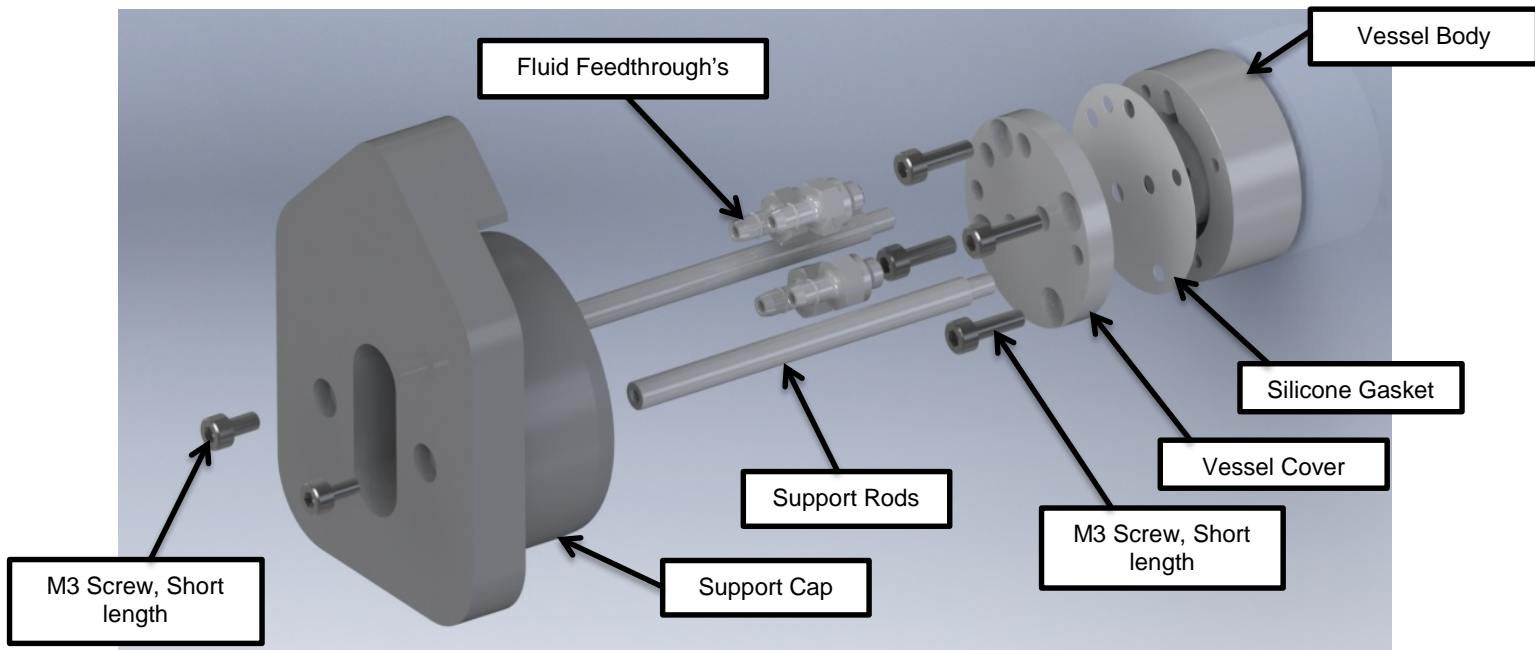
TITLE: Rebuilding Flow Process Vessel SST 2ml (500390)

Observe Universal Precautions for handling of biological specimens, as detailed in this document.

INSTRUCTIONS FOR USE

Purpose

The purpose of this insert is to show how to rebuild High Power Flow Vessel 2ml (500390).

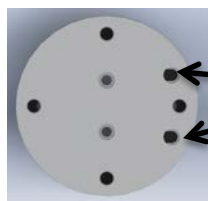


Disassembling Flow Process Vessel SST 2ml:

1. Remove two M3 Screw, short length that secure Support Cap in place.
2. Unthread two Support Rods from Vessel Cover, should be only finger tight.
3. Unthread four Fluid Feedthrough's from Vessel Cover and remove sealing black O-ring and discard.
4. Remove four M3 Screws, Long length from Vessel Cover.
5. Remove and discard Silicone gasket from vessel body.

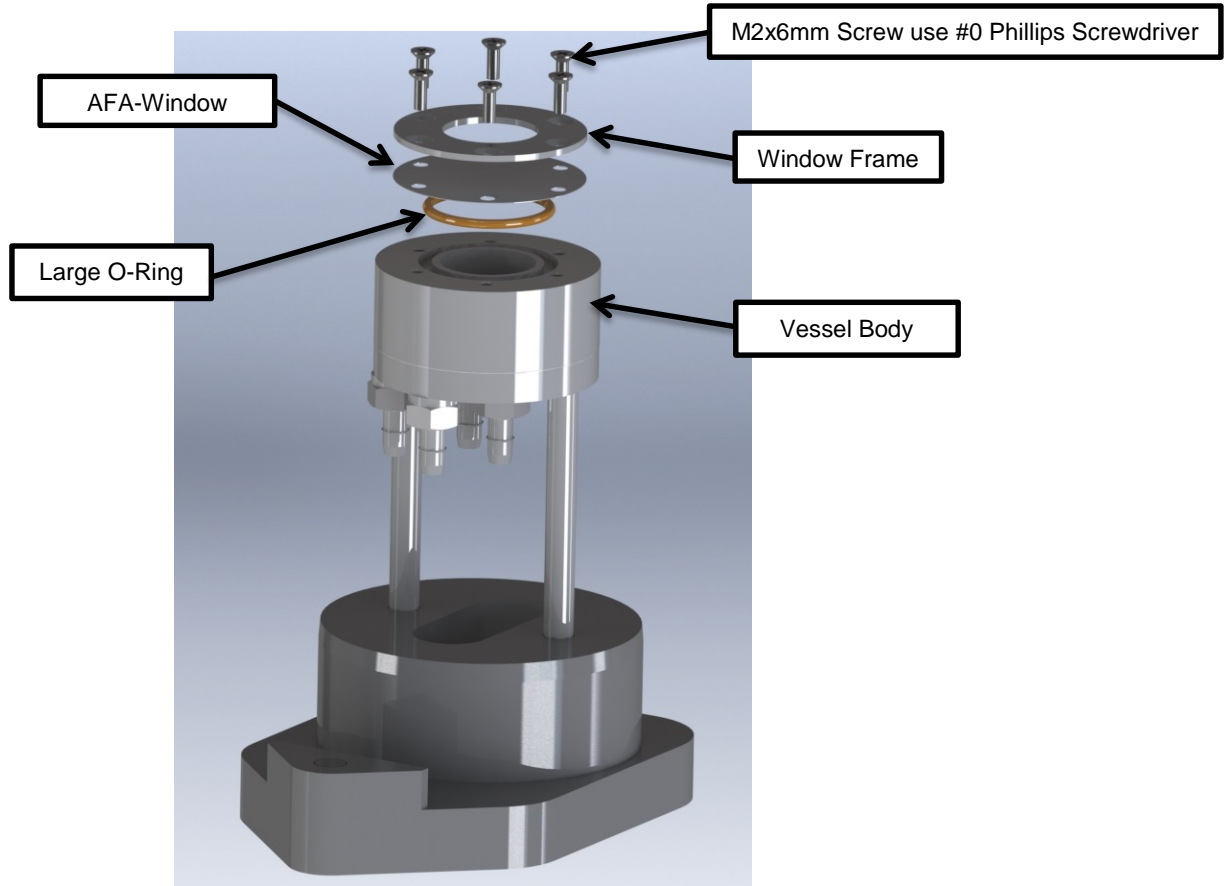
Assembling Flow Process Vessel SST 2ml:

1. Clean parts till satisfactory, all parts can be autoclaved EXCEPT black Support Cap.
2. Soak Silicone Gasket in small dish of water to remove protective power.
3. Place wet, Silicone Gasket over Vessel Body. Note locations on inlet/outlet water entrance. (see view below)
4. Place Vessel Cover onto gasket noting inlet/outlet water entrances.
5. Secure Vessel Cover using four M3 Long Screws.
6. Replace Small O-ring on Fluid Feedthrough's and secure assembly onto Vessel Cover.
7. Install Support Rods in place, finger tight only needed.
8. Slide Support Cap into Support Rods and secure with two M3 Screw, Short Length.



Note location of gasket over water inlet/outlet holes.

Window Rebuilding Assembly



Disassembling Window Assembly:

1. Using Phillips head screwdriver supplied in kit remove 6 screws holding window frame.
2. Remove and discard old AFA-Window.
3. Remove and discard old Large O-Ring.

Assembling Window Assembly:

1. Insure O-Ring groove is clean of any foreign matter.
2. Seat Large O-Ring into groove of Vessel Body.
3. Place AFA-Window over O-Ring, align holes to match with Vessel Body.
4. Place Window Frame over AFA-Window, align holes to match Vessel Body.
5. Install 6 M2x6mm Screws, tighten securely.

UNIVERSAL PRECAUTIONS



Universal Precautions should be followed on all specimen samples, regardless of whether a sample is known to contain an infectious agent. Laboratories handling specimen samples are advised to comply with applicable parts of the following governmental and clinical standards, or their equivalent in the country of use:

- Centers for Disease Control (CDC), Universal Precautions for Prevention of Transmission of HIV and Other Blood borne Infections, published 1987, updated 1996
- Clinical and Laboratory Standards Institute (CLSI), GP17-A2 Clinical Laboratory Safety; Approved Guideline - Second Edition, published 2004, ISBN 1-56238-530-5
- Clinical and Laboratory Standards Institute (CLSI), M29-A3 Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline, Third Edition, published 2005, ISBN 1-56238-5674
- Occupational Safety and Health Administration (OSHA), 29 CFR 1910.1030 Blood borne Pathogens
- International Standards Organization (ISO) 15190:2003, Medical Laboratories – Requirements for Safety

Storage Conditions Prior to Use

Stainless chambers and rebuilding kits may be stored at room temperature until employed.

Limitations on in vitro Usage

Stainless Chambers are developed, designed, and sold for research use only. They are not to be used for human diagnostic purposes or treatment unless expressly cleared for that purpose by the Food and Drug Administration in the USA or the appropriate regulatory authorities in the country of use.

Product Warranty Guarantee

Covaris guarantees the performance of all products when used in accordance with our written instruction, under normal operating conditions, and during the expiration period. The user must determine the suitability of the product for its particular use. Should any product fail to perform satisfactorily due to any other reason than misuse, Covaris will replace it free of charge. We reserve the right to change, alter, or modify any product to enhance its performance or design. If a product does not meet your expectations, please contact Covaris Technical Assistance.

Technical Assistance

On-going assistance with the operation or application of any of our products is provided via:

- Telephone during the hours of 9AM to 5PM, Monday through Friday, (GMT-05:00) Eastern Time (US & Canada) +1 781 932 3959
- E-mail queries to techsupport@covarisinc.com