

TITLE: Loading and Rebuilding Process Vessel SST 300 μ l (500328)

Using Prep Station (500333)



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

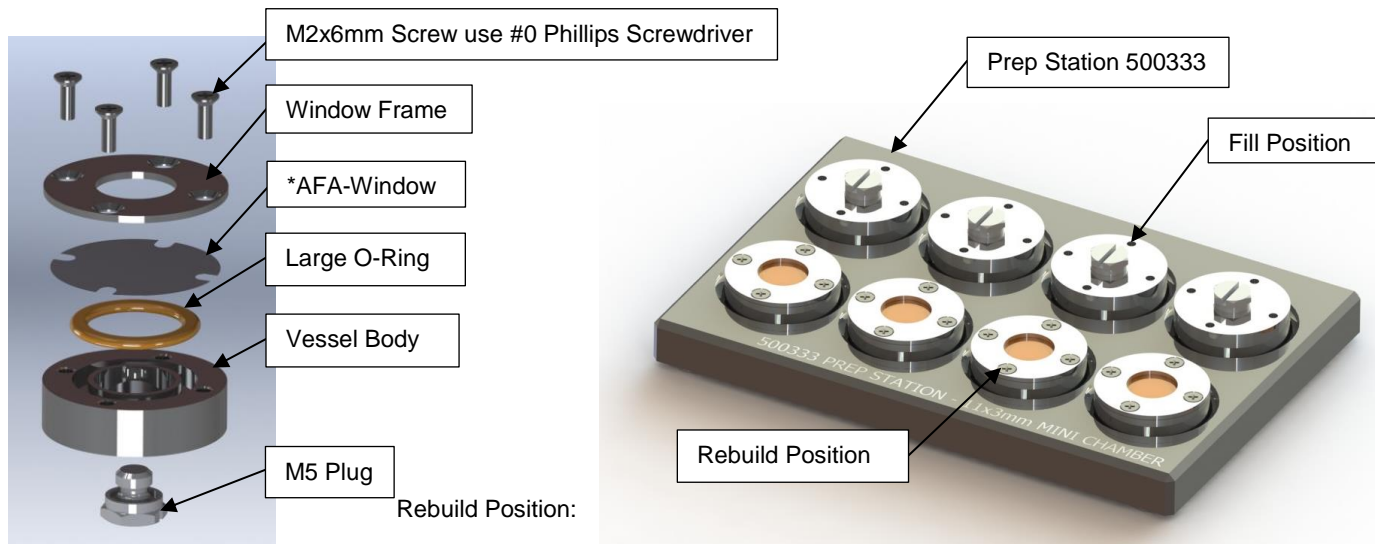
INSTRUCTIONS FOR USE

Purpose

The purpose of this insert is to show how to rebuild Process Vessel SST 300 μ l (500328) using Prep Station (500333). Take notice on Prep Station there are 4 pins coming up from the bottom of the cavities. Position vessel in cavity and rotate until you will feel the pins lock onto the M2 screw head on the other side the tapped hole. It is advised to use two fingers holding down the vessel to either remove the M5 fill plug or to rebuild vessel.

Sample Loading of Process Vessel SST 300 μ l on Prep Station

1. Use two fingers on top of vessel to secure in position on Prep Station remove M5 Plug from vessel.
2. Fill vessel with sample to be processed, re-install M5 Plug tighten till plug bottoms out on vessel.
3. Place vessel into holder refer to Covaris product insert 010174 for instructions of use.



Rebuild Position:

1. Place vessel assembly into Prep Station as shown above. Rotate assembly until you feel vessel stop in pins on Prep Station.
2. Using Phillips head screwdriver remove 4 screws holding window frame.
3. Remove and discard old AFA-Window.
4. Remove and discard old Large O-Ring.
5. Remove and discard old Small O-Ring on M5 Plug.

Rebuilding Chamber:

1. Install new Small O-Ring onto M5 Plug
2. Seat Large O-Ring into groove of vessel body.
3. Place *AFA-Window over O-Ring, align slots to match with vessel body.
4. Place Window Frame over AFA-Window, align holes to match vessel body.
5. Install 4 M2x6mm Screws, tighten securely.

*Take care not to bend, puncture or crease AFA-Window, it is recommended that assembly be done with clean disposable latex gloves (powder free) and with the use of tweezers for AFA-Window.

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