

COPAS Instrument Maintenance Protocol M-01 Stylus Wire Cleaning Protocol

Scope

The WIRE STYLUS PROTOCOL is intended for removing obstructing materials from the inside of the COPAS instrument flow cell. The presence of foreign material is likely to be present when it is observed that the stream at the end of flow is not exiting correctly and/or the C.V.s for the CONTROL PARTICLES are not meeting specifications.

Materials

Stylus

Procedure

Remove sample tubing and adaptor from the sample valve, taking care to not pull on the flow cell.

Hold the sample tubing straight, and insert the stylus wire into sample tubing. Watch the stylus enter the tubing and then into flow cell. During insertion, gently twist the stylus.

If resistance is felt STOP, lift the stylus about 2 mm, and start inserting the stylus again. Repeat as needed until the wire exits the flow cell.

Once the end of the stylus wire exits the flow cell, hold both ends of the stylus. Raise and lower the stylus a few times while making small circles with the stylus at the bottom of the flow cell.

Remove the stylus and reconnect sample tubing.

Perform cleaning cycle.

Test unit with CONTROL PARTICLES and record in DAILY LOG.

CAUTION: Damage to the flow cell is possible if the protocol is not followed correctly.

NOTE: Stylus wire should be straight and never cut.

Questions?

For further information, please contact Union Biometrica, Inc. directly at 617.591.1211 or email your questions to appsupport@unionbio.com