

**SUBJECT: CLEANING TRIAX CONNECTORS ON ION CHAMBERS, WELL CHAMBERS, ELECTROMETERS AND EXTENSION CABLES**

The following information is provided as a service to our users and customers:

Over the years, Standard Imaging has had product reports of drift or leakage involving its ion chambers, well chambers and electrometers. During the investigation and/or servicing of these products it became apparent a significant portion of these reports were caused by dirty triax connectors. The cause is typically dust that has collected on the inside connector.

To minimize these reports and unnecessary service, Standard Imaging is providing a triax connector cleaning procedure. This triax connector cleaning procedure should be periodically completed or whenever there are concerns of drift or leakage. Heavier product use may require more frequent cleanings.

Prior to cleaning a triax connector, ensure:

- The ion chamber or well chamber is disconnected from the electrometer.
- There is no water or moisture visible in the triax connector.

To clean a dirty triax connector:

- Remove the connector cap (if applicable).
- Use only a dry and oil free compressed air source, such as Chemtronics® Ultra Jet.
- Gently blow dirt and contaminants from the inside of the connector, moving the air source in a circular manner a few inches from the connector.

After cleaning a dirty triax connector:

- Use the connector cap when not in use (if applicable).

Do not:

- Use sharp objects to attempt to clean a dirty triax connector.
- Use a compressed gas other than air.
- Use a compressed gas source that may have moisture or oil in the source or lines.
- Use your mouth to blow on the connector.
- Disassemble the connector.
- Touch the internal parts of the connector with your finger.



**TECHNICAL NOTE**

DATE  
06-19-06

PAGE  
page 2 of 2

NUMBER  
4640-00

MARKETS

ALL

**SUBJECT: CLEANING TRIAX CONNECTORS ON ION CHAMBERS, WELL CHAMBERS, ELECTROMETERS AND EXTENSION CABLES**

If this procedure does not resolve the drift or leakage issues, contact the Customer Service Administrator to coordinate the return the product to Standard Imaging for further service.

Future User Manuals for Ion Chambers, Well Chambers and Electrometers will include similar information.

If there are any questions or comments regarding this information, please contact Standard Imaging or your authorized dealer.