

# ACCUPEN<sup>®</sup> Tonometer Cleaning Instructions

Rev B

The ACCUPEN tonometer may have difficulty taking measurements or display an “Error Message” when its tip is dirty and requires cleaning. When the tip of the tonometer has dirt and contaminants in the airspace between the sensor and the housing, cleaning of the tip is necessary. When the airspace contains contaminants, the sensor cannot move freely and the tonometer may have erratic readings and then display an “Error Message.”

**NOTE: IT IS RECOMMENDED THAT THIS PROCEDURE BE PERFORMED ON A DAILY BASIS TO PREVENT BUILUP OF POWDER OR DIRT IN THE SENSOR.**

To clean the ACCUPEN, perform the following steps:

1. Remove ACCUTIP cover from the tonometer, if one is installed.
2. Submerge the tip of the ACCUPEN in Isopropyl Alcohol to loosen any debris that may have accumulated in the sensor housing

**NOTE: Allow the tip of the ACCUPEN to soak in the Isopropyl Alcohol for two to three minutes, frequently moving the tip in the solution to aid in the loosening of debris.**

**NOTE: DO NOT SUBMERSE THE ENTIRE TIP IN ISOPROPYL ALCOHOL, AS THIS WILL DAMAGE COMPONENTS IN THE SENSOR.**

3. Using compressed air, place the sensor end of the tonometer against the outlet of the canned air as shown
4. Blow the canned air into the tip of the tonometer for approximately 3 seconds.



*Figure 1*

**NOTE: It is necessary to blow canned air directly into the tip, so that the contaminants are pushed out of the airspace between the sensor and the housing.**

5. After cleaning the tip of the tonometer with compressed air, the tip will be cold. Allow the tip of the tonometer to warm to room temperature.
6. Perform the calibration procedure as listed in User Manual.

**NOTE: If the tonometer does not pass verification, then repeat the above cleaning instructions. Do not clean more than 3 times in a row. If the tonometer still will not pass verification, contact Accutome.**

**NOTE: Always store the ACCUPEN tonometer with an ACCUTIP cover installed to protect the tonometer tip from dirt and contaminants.**

**NOTE: Never use the ACCUPEN tonometer without an ACCUTIP cover installed.**

For Service and Support information and to order ACCUPEN tonometer accessories and genuine ACCUTIP tonometer covers, please visit [www.accutome.com](http://www.accutome.com)

