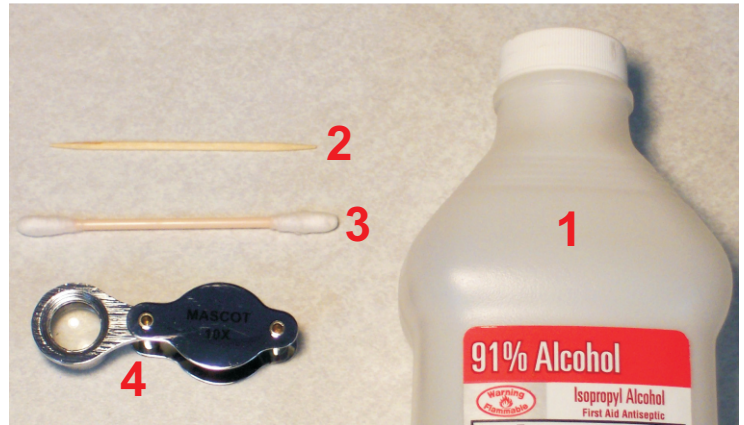# Cleaning the Detector Port on OWL Optical Power Meters
(Fiber OWL 4, Micro OWL 2, WaveTester, and ZOOM 2 series)

Required accessories:

1) Isopropyl Alcohol (91% or better)

2) Round **wooden** toothpick with sharp point
(NOTE: do not use a metal pin or needle since metal will scratch the surface of the detector)

3) Cotton swab

4) Jeweler's loupe (10x magnification recommended)

5) Compressed Air (not shown)

STEP 1   Place a small amount of cotton from the swab onto the wooden toothpick as shown at right.

STEP 2   Wet the cotton toothpick tip with the isopropyl alcohol.

STEP 3   Remove the adapter cap from the power meter detector port.

STEP 4   **USING GREAT CARE**, gently insert the cotton toothpick tip into the detector port.

⚠️ **WARNING! BE VERY CAREFUL WHEN INSERTING THE TOOTHPICK INTO THE DETECTOR PORT. THERE IS A VERY THIN GLASS WINDOW THAT WILL EASILY BREAK WITH TOO MUCH PRESSURE.**

STEP 5   Using as little pressure as possible, rotate the cotton toothpick tip in the detector port to clear away any dust or dirt that has accumulated on the detector.

STEP 6   Using light pressure from the compressed air, blow out the detector port.

STEP 7   Use the jewelers loupe to inspect the detector end face.

If dust or dirt are still present, repeat steps 5 through 7 until the detector port is free of debris.

If no dust or dirt is found, replace the adapter cap on the detector port and cover the detector port with the dust cap.