

Bump Test Procedure

What do I need?

The EE-TEST-H-17L-KIT is a bump testing kit that provides all of the components necessary to perform multiple 'bump tests' on installed HGD-5000 detectors. The kit is provided with two cannisters of H₂ gas that may be stored away and re-used for future bump tests. In addition to the cannisters, the kit contains all of the necessary accessories to utilize the cannisters.

The cannisters require a regulator, vinyl tubing, and an applicator cone to place over the H₂ sensor within the unit. The kit comes with one of each of these accessories, that may be utilized on either one of the two cannisters provided.



EE-TEST-H-17L-KIT



Cone Applicator



CV-2 Regulator



Vinyl Tubing



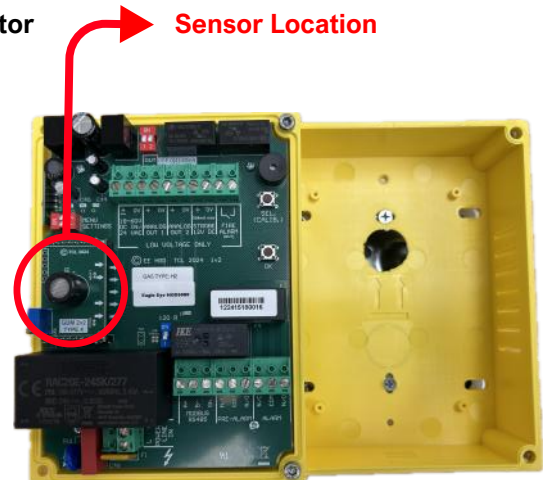
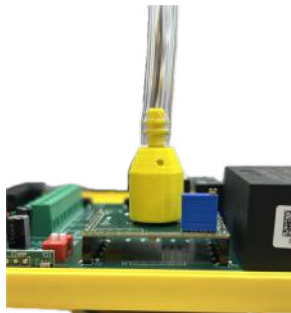
H₂ Cannister



Assembly

Apply Applicator Cone Directly to Sensor and Open Gas Regulator

Sensor Location



Check Response

1. The HGD-5000 should enter alarm fairly quickly.
2. The screen display turns red and the internal audible alarm sounds.
3. If fans and ancillary strobes are connected, they should activate. You may check circuitry with the manual test button, and use the bump test to check gas response only.
4. The HGD-5000 should enter alarm at 2% v/v although some models may be provided with custom alarm set points.



No Alarm



Pre-Alarm



High Alarm