GAS-TECH® & GAS-TECH II™
VACUUM GAUGE
CALIBRATION INSTRUCTIONS

The Gas-Tech® vacuum gauge was calibrated at assembly with a mercury manometer. However, due to variations in altitude between place of assembly and place of use, the gauge should be re-calibrated prior to use. Also, due to changes in weather patterns and barometric pressure at place of use, the calibration should be rechecked periodically. The following instructions must be followed carefully and completely to insure standard gas samples and to protect the Gas-Tech® unit.

1. Remove hex plug from calibration port. Remove barbed fitting from storage location on base, and carefully apply sealant to threads. Insert fitting into port and tighten with wrench to form vacuum tight seal.

2. Set mercury manometer in absolutely vertical position. Adjust mercury level to zero (0).

3. Attach one end of the rubber tube to barbed fitting at calibration port and the other end to barbed fitting on Mercury Manometer.

4. Turn Gas-Tech® on. When pump has achieved complete vacuum, compare gauge reading with manometer reading.

   NOTE: If gauge adjustment is required:

   A. Remove lens from gauge.
   B. Insert screwdriver in slot of pointer retaining disc.
   C. Hold disc stationary, and move pointer to same reading as manometer. **CAUTION: DO NOT** turn pointer retaining disc. Disc is fastened directly to pointer drive linkage. Turning disc may damage linkage, rendering gauge useless.
   D. Replace lens.

5. Turn Gas-Tech® off and release vacuum.

6. Disconnect rubber tube. Remove barbed fitting from calibration port and return to storage location. Apply pipe sealant to hex plug and tighten with wrench in calibration port.

7. Gas-Tech® is ready for operation.