



Gas Detection Solutions

For Life



FAQ

May 9, 2008

WHY CAN'T I RESET THE CALIBRATION DATE ON MY GX-2003?

All portable gas monitors need to be calibrated periodically to ensure proper operation. The RKI GX-2003 Model has a feature that allows the user to program a calibration interval that fits their needs, type of usage, and company practice. With this feature, the instrument operator will be prompted each time the instrument is turned on with a calibration status message. If the calibration is still current, the message will indicate the number of days remaining until the next calibration date. If the calibration is overdue, a reminder message will be displayed indicating that the calibration is past due. The calibration date is reset automatically when a successful calibration is performed for all active sensors. If it appears that the calibration date is not being reset properly, verify the following:

- 1- The calibration date is only reset if all active sensors are successfully calibrated. When an auto calibration is performed, a calibration fail message will be indicated if any of the sensors fail calibration. If this happens, the calibration date will not be reset.
- 2- If the single calibration method is used (calibrating sensors one by one), all sensors must be calibrated successfully for the calibration date to be reset.
- 3- Some versions of the GX-2003 include a high range (0-100 % volume) methane sensor. This sensor must be calibrated by the single calibration method, using a cylinder of methane with a high concentration of methane, typically 50 % volume or 100 % volume. In addition, all other sensors must be successfully calibrated using either the auto calibration or single calibration method (see 1 and 2 above).

We hope this information will help to diagnose situations where the calibration date does not appear to be resetting properly. Please contact RKI technical support at 1-800-754-5165, or through our web site (www.rkiinstruments.com) for additional assistance.

