

## **Errata to the M700 Instruction Manual (02919, Rev. A)**

The following changes to the M700 operation manual, part number 02919, Revision A are a result of changes to the instrument control software, beginning with version E7 (700E7STD), and other corrections that are needed. These changes affect instructions or descriptions in the manual.

- 1) **In the menu tree on pg. 5-3, and in Table 5-2 on pg. 5-5, note that the bench (BNCH) option for ozone generation will not be shown in the menu unless the photometer option has been installed in the instrument.**

- 2) **Section 5.3.1, replace the word 'delay' with 'duration' (all throughout).**

The word used for this command has been changed to be more intuitive. Please note that while old scripts will continue to be work unchanged, for full APICOM functionality you must use APICOM version 2.0 or greater.

- 3) **After section 5.1.4, a new section 5.1.5 should be added as follows:**

### **5.1.5 Setting the Test Channel Full Scale Output for Ozone Concentration.**

When Ozone concentration is selected as the test channel analog output it can be scaled for different O3 concentrations by setting the O3\_CONC\_RANGE variable. This is a useful feature when recording O3 concentration with plotters or data loggers. The default value, for a 5V full-scale output is 500 ppb, but any value between 1 and 20,000 ppb can be entered.

- 4) **Section 5.2.5, Pg 5-18, add the following:**

Some users may wish to run in REF mode even if the photometer option is installed. This is especially true when trying to generate ozone at flow rates of 10 LPM or more. Bench mode will not work reliably at such large flow rates. The user should use ref mode in such cases. If the photometer output is of no interest, the user can disable the photometer in ref mode by setting the var O3\_PHOTO\_BENCH\_ONLY to ON.

- 5) **Section 9.1.2, Table 9-1, pg 9-2, the table should include a description of the warning 'EEPROM NOT DETECTED' :**

When this warning is issued, the CPU has failed to detect a system EEPROM. Calibrations and instrument configurations are invalid. The unit will assume factory default configurations and calibrations will be invalid on power-up. If recalibrated, the instrument will lose calibrations again when powered off.