



IRGAS Script Editor

Introduction

The IRGAS multipoint gas analyzer, IRGAS-MPGA, is operated through the use of three software programs. The first of the three is the **IRGAS Script Editor**; this program is used to develop a script that will be executed by the IRGAS Hardware Control Software. A sample script has been provided as an example of what types of functions the script editor is capable of writing. After a script has been produced it can be save into a file which can be opened and executed in the IRGAS Hardware Control software.

The **IRGAS Hardware Control** software is the second of the three programs used to run the system. In this software the script is entered in order to run the remote manifold valves and other components in the system such as the Venturi cooler. It is not necessary to create a new script every time that the system is going to be operated; preexisting scripts can be used. The combination of the script editor and the hardware control allows the system to be automated.

Last, while the script is running in the IRGAS Hardware Control software, the **IRGAS** software should be running to collect the spectra from the system. The IRGAS software will not be discussed in this manual in detail, but a separate manual has been provided for this program. To access any of these programs go to the start menu on the controller, view programs, select IRGAS, inside this folder you should be able to find the IRGAS application, and if you go to tools option, you should be able to find the other two applications (i.e. IRGAS Script Editor and IRGAS Hardware Editor).