



## PCA2 SUPPORT NOTES

### How to Download Test Data from the PCA2 using Fyrite User Software

The combustion test data that was stored in the PCA2 memory directory can be downloaded to a computer using the Fyrite User Software (P/N 24-1470) and a USB cable supplied by Bacharach.

The downloaded data is stored on the computer's hard drive (or removable media of the operator's choosing) as a comma separated value ASCII text file (with a .CSV extension). This type of file can be opened by most spreadsheet programs for analysis (e.g. Microsoft Excel, OpenOffice Calc, etc).

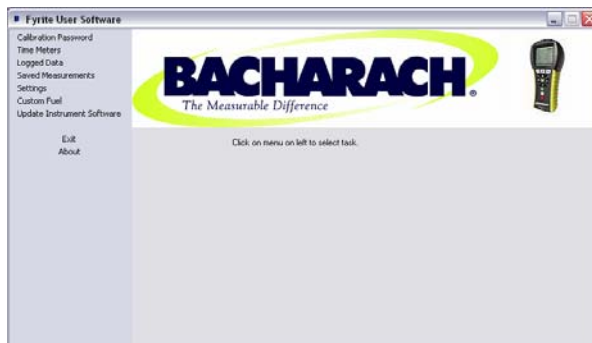
Before data is downloaded from the PCA2, install the Fyrite User Software, and USB device driver as described in the PCA2 instruction manual.

Download stored test records as follows:

1. Start the program by double-clicking the Fyrite User Software icon on the Windows desktop.



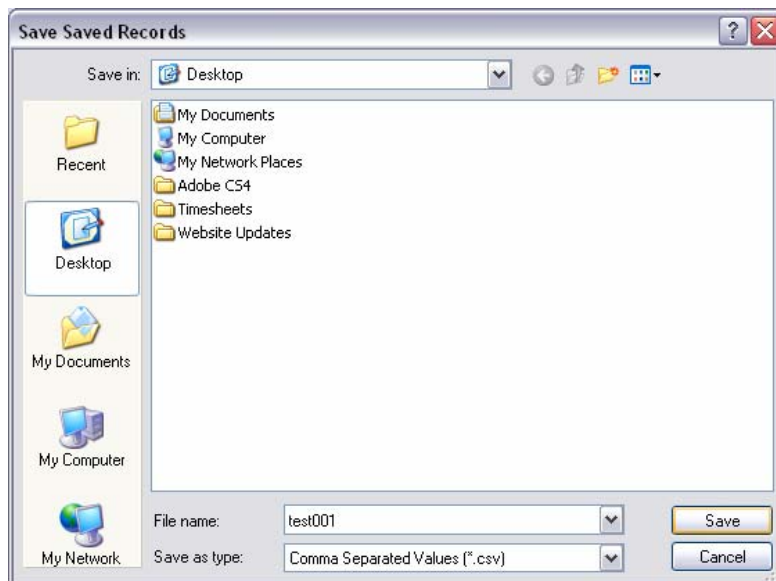
2. Connect the PCA2 to one of the computer's USB ports by using the USB cable supplied by Bacharach, then power up the instrument. The PCA2 will show up in the upper right-hand corner of the Fyrite User Software window to indicate that it is connected



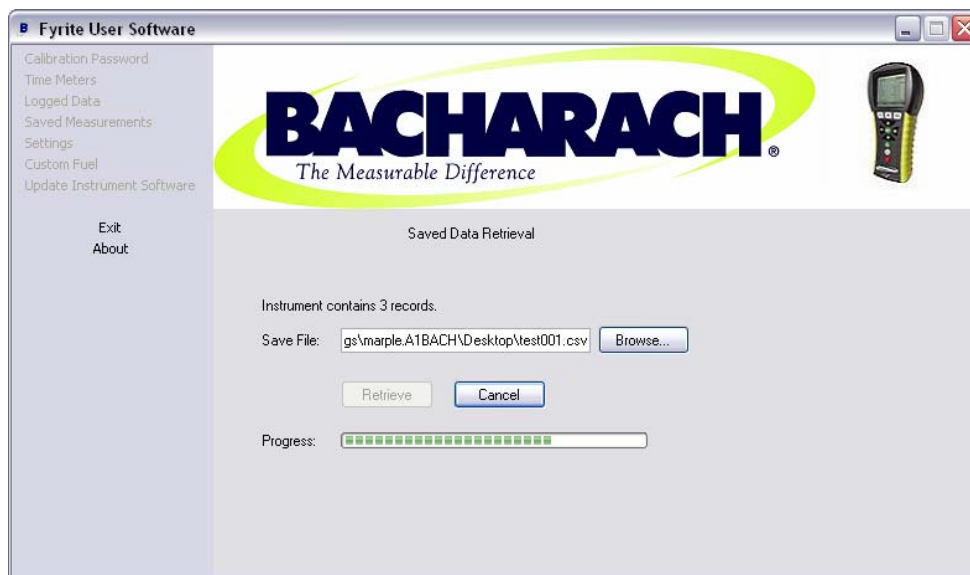
3. Click on “Saved Measurements” or “Logged Data” in the left hand column, depending on the desired set of data to be retrieved. The saved data retrieval window will be displayed. Saved measurements are readings from manually pressing the instrument’s “Save” button (F3) during a combustion test. Logged data are readings from the using the data logging feature.



4. Click on Browse to display the “Save Saved Records” window. Select the desktop (or the folder where you want to save the file) and then type a file name (e.g. “test001”) in the “File Name” line then click “Save.”



5. The display will return to the Saved Measurements window. Click on the “Retrieve” button and the data will be downloaded to the file “test001.csv” and it will be located on the desktop (or whichever folder was selected in Step 4).



6. Minimize the Fyrite User Software window by clicking on the minus sign in the upper right hand corner of the window. Locate “test001.csv” and double click on the file to view data. The file should open automatically as long as a spreadsheet program is installed on the computer.