

Other General 5180 File Information

The basic calling sequence of executable and DLL files in the 5180 installation is as follows:

- **PC5180.EXE** is the executable that provides the graphical meter interface on the computer's monitor. This may be useful for some simple remote monitoring applications etc., but is not very useful for integrating a 5180 into any sort of automated system or testing environment via any generic programming language. PC5180.EXE calls functions that are exported by lib5100.DLL.
- **Lib5100.DLL** exports a collection of .NET classes that handle the high level connection and display functions. It calls functions that are exported by usb5100.DLL.
- **Usb5100.DLL** exports many functions that actually do the USB connection and communication with the 5180 meter. This is the DLL that provides the functions used by the Sypris manufacturing test & calibration system. It calls functions that are exported by libusb0.dll. The functions in this DLL should be able to be called by most higher level programming languages using the methods described earlier in this document.
- **Libusb0.DLL** is part of the device driver package and exports very low-level generic USB access functions. These are not specific to the 5180 and would not likely do our customers much good in their development of software to communicate with the 5180. This is an open source project and info is available on the web at: <http://libusb-win32.sourceforge.net/> and probably several other related sites if the customer has a need for this information.