

DRAFT INSTRUCTIONS FOR FDM PROTON PRECESSION MAGNETOMETER

SOFTWARE INSTALLATION

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Instructions for installing and copying FDM PPM files on a Windows 7 or Vista machine

1. Install the USB 6008 drivers using the DVD that comes with the USB 6008, or the link from our FDMPPM kit page (bottom of page), or from the national website ni.com (<http://joule.ni.com/nidu/cds/view/p/id/2605>), or from a DVD.
2. Install the LabView 2011 run time engine from either the link from our FDMPPM kit page (bottom of page), or from the national website ni.com (<http://joule.ni.com/nidu/cds/view/p/id/2534/lang/en>), or from a DVD.
3. Literally copy the “FDM” directory (with its contents) from a “Drop Box” file folder (our preferred file sharing method) or a CD or DVD (typically not supplied) to your C: hard drive. You can do the copy using “Windows Explorer” found from the Windows button (lower left in the task bar) in “all programs”, “accessories”, Windows Explorer (with a file folder symbol next to it). Check to see that the .dll file is in the FDM “data” subdirectory (it should have copied over with everything else).
4. Plug in the USB 6008.
5. From the Windows explorer C: FDM directory, double click on “Application.exe”.
6. Later, you can customize the program default settings (front panel settings) by editing the file “FDM_LV_Panel_Control_Defaults” in the FDM directory. This file can be edited with any text editor such as MS Notepad. Be careful to preserve the format of the settings, only edit the numbers.