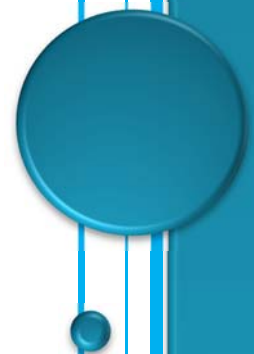


USING AGILENT GPIB- USB 82357A CONTROLLER WITH LABVIEW

*Electronic and Biomedical Instrumentation Group -
IEB*

Alfonso Méndez

19/03/2014



Using Agilent GPIB-USB 82357A controller with LabView

Electronic and Biomedical Instrumentation Group - IEB

Installing LabView

You can find different versions of LabView in the software folder of our server grial. Once you have decide which version to install, you must download the iso images to your disk.

If you don't have access to the server, you can use an external usb disk provided by the technical personnel.

You must mount all iso images. In windows 8 isos can be mounted natively, in other windows versions you must use third party software like Magisiso, Daemon tool lite or similar.

Installing Agilent GPIB-USB controller

Install the Agilent IO Libraries Suite and choose typical installation.

You can find different versions of IO Libraries Suite in the software folder of our server grial. You can also download the last version from the Agilent web.

Enabling the NI-VISA Passport for Tulip

This is a software module included with NI-VISA for support of Agilent hardware, and is not enabled by default.

- 1 Use the NI Measurement and Automation Explorer (NI MAX) to enable the Passport for Tulip; in version 3.1 and greater of NI MAX, click on **Tools > NI-VISA > VISA Options...**
- 2 Select the **Passport for Tulip** check box
- 3 Click **Save** to save your settings, then exit NI MAX
- 4 Close and restart NI MAX. You should see your instrument listed under "Devices and Interfaces" as a Miscellaneous VISA Resource.