



Agilent Technologies

Updating the 811xxA Software to Firmware Rev. 01.12.03 and BIOS Rev. 1.33:

Only possible for:

81101A, 81104A, 81110A with FW Rev. 01.02.00 or higher

(check this by pressing [HELP] then [SERIAL#])

You need:

- A PC running Windows NT 4.0 or Windows 2000 with a GP-IB interface and the Agilent IO libraries installed
- At least one 2 MB SRAM PCMCIA memory card - an additional 1 MB SRAM memory card is recommended (Agilent p/n 1819-0083 and p/n 0950-3380 or equivalent)

- Connect the pulse generator to the PC and switch on the unit
- Remove the write protection from the 1MB memory card and insert it into the card reader slot (any data on the memory card will be deleted)
- Execute the program 'WinUpd12.exe'
- In the 'Win Bios Update' window enter the right name of your GP-IB interface and the address of the pulse generator (refer to the picture on page 2)
- Press 'Update BIOS' and open the file 'bios_81110_4mb.01.33.xs'
- Follow the instructions on the screen
- After the reboot of the pulse generator replace the 1 MB memory card with the 2 MB memory card and press 'Update Firmware'
- Open the file 'HP81110.01.12.03.FWB' and follow the instructions on the screen
- When the update has finished successfully press the RESTART softkey on the pulse generator's front
- After the restart an error message may appear - this is normal!
- Switch off the unit and remove the memory card

The memory cards can now be used to update the software of other units without a PC:

- Switch off the pulse generator and insert the memory card.
- To update the BIOS: Press the buttons '0' and '7' and hold both of them pressed while switching on the unit. Follow the instructions on the screen.
- To update the Firmware: Press the buttons '1' and '3' and hold both of them pressed while switching on the unit. Follow the instructions on the screen.