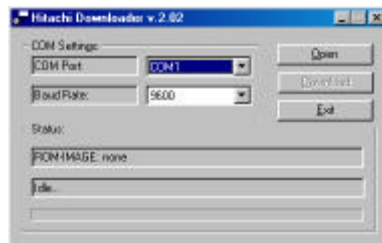
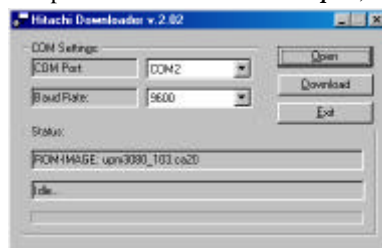


### HDL Client - users guide (versions 2.xx) – UPM310DIN

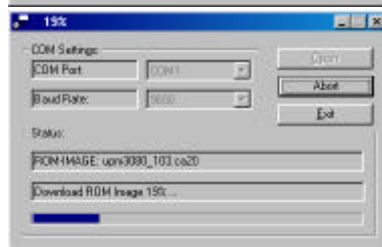
1. Disconnect the main power of the instrument
2. Remove both rear option board covers (appendix – pict. 1)
3. Check if the instrument is “version 1”, (appendix – pict. 2) and follow the procedure, if not do not consider the Step 4
4. Remove all option boards, and place a jumper cup (appendix – pict. 3), and jump to Step 7
5. Remove the bottom cover, removing the 2 screws (appendix – pict. 4)
6. Place a jumper cup (appendix – pict. 5, 6),
7. Connect the COM port of the computer to the serial port of the instrument, and setup the serial port in RS232 mode
8. Power on the instrument
9. Install the provided utility software (Hitachi Downloader Client v.2.xx).
  - Step a): run the provided selfextracting zip file **HDL Client v202 - install sfx.exe** in a directory.
  - Step b): run **SETUP.EXE** from the install kit. The program will be installed in the Programs directory.
10. Run the utility software under Start -> Programs ->.... The main window is:



11. Set the correct COM port and 9600 baud. Press **Open**, and select the provided \*.ca20 code file.



12. Press **Download**, then in the following window insert the provided password and press OK. NOTE: capital and small letters must be respected.



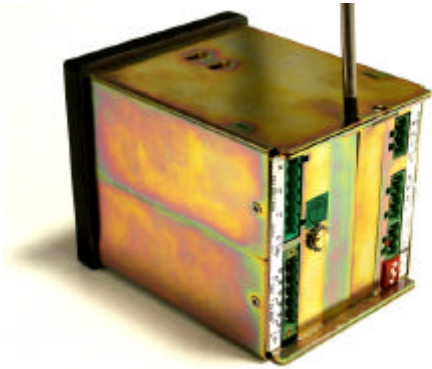
13. The download procedure will start, a percentual bar of the download procedure will be displayed
14. At the end of downloading, the following window will appear:



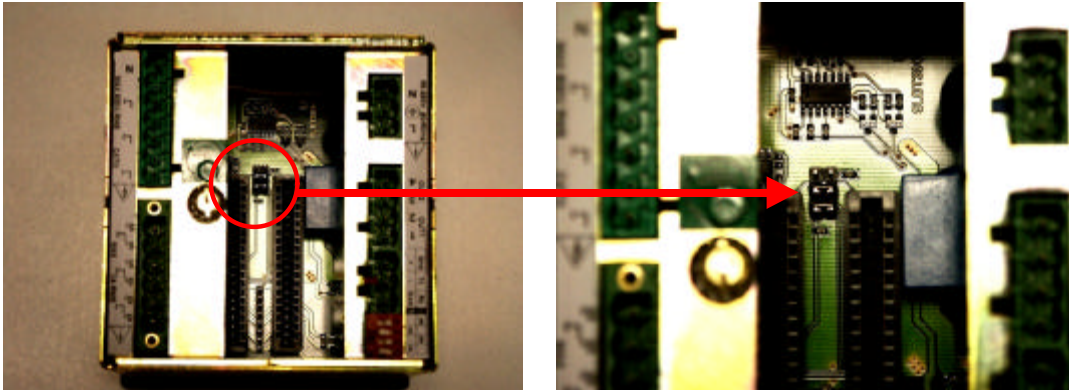
15. Press OK, turn off the instrument, remove the jumper cup,
16. Reassemble the bottom cover for the version 2 again
17. Insert the option boards again and reassemble the back covers
18. Set the serial port of the instrument as at the beginning

## APPENDIX.

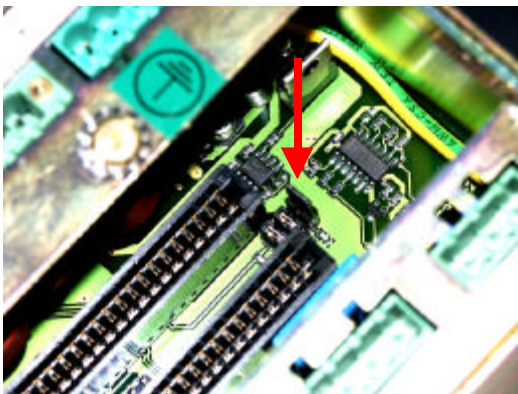
Pict. 1 - remove the rear option covers



Pict. 2 - version 1 = 3 jumpers present



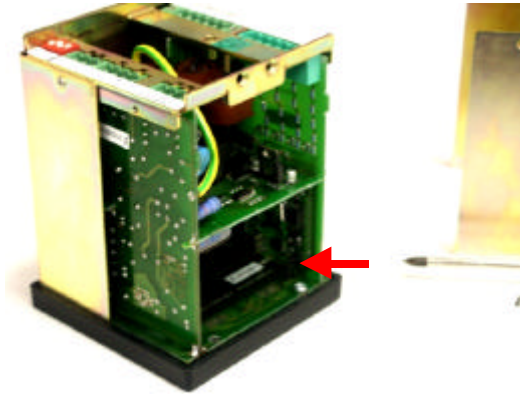
Pict. 3 - place a jumper cup on the TOP jumper



Pict. 4 – remove the bottom cover



Pict. 5 – jumper location



Pict. 6 – place the jumper cup

