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SUBJECT **BQA – Filter Wheel– New Configuration Bases**

We would like to inform you about a new change on the BQA instrument.

There is already available a new filter wheel with the following filters installed:

340 / 405 / 450 / 510 / 546 / 570 / 600 / 700 nm

This change doesn't affect any Biokit protocol and it should be performed only when:

1. Any of the installed filters from the previous filter wheel is damaged.
2. You need to use any of the new filters.

The part number is:

Biokit code	Description
3410-1150	New FW DTR 700 600 570 546 510 450 405 340

This new version will be included on BQA instruments from serial number 5802-0158.

We extremely recommend reading carefully the attached document before proceeding.

Please, do not hesitate to contact us if you need further details.





New filter wheel configuration
INSTRUMENTS: BQA

This modification should be done only on units with the new filter wheel configuration (wavelengths: 340 / 405 / 450 / 510 / 546 / 570 / 600 / 700 nm).

TO CHANGE THE FILTER WHEEL YOU MUST CHECK THE TECHNICAL SERVICE MANUAL (LAST REVISION Dec 5/2003, PAGE 10-75).

1. Warning for safe use

This manual should be used only by technical users. Before starting you must close analyzer and telnet software in case they are opened.

2. Program installation and Setup.

Copy the folder FFFTP into the C:\Program Files\FFFTP folder

Run the file FFFTP

In the windows requesting you the e-mail address, enter any information: for example instrument@instrument.com

The next window open is called Host List

If a host called anonymous FTP site appears, delete it.

Then press New Host and in Host Settings select General

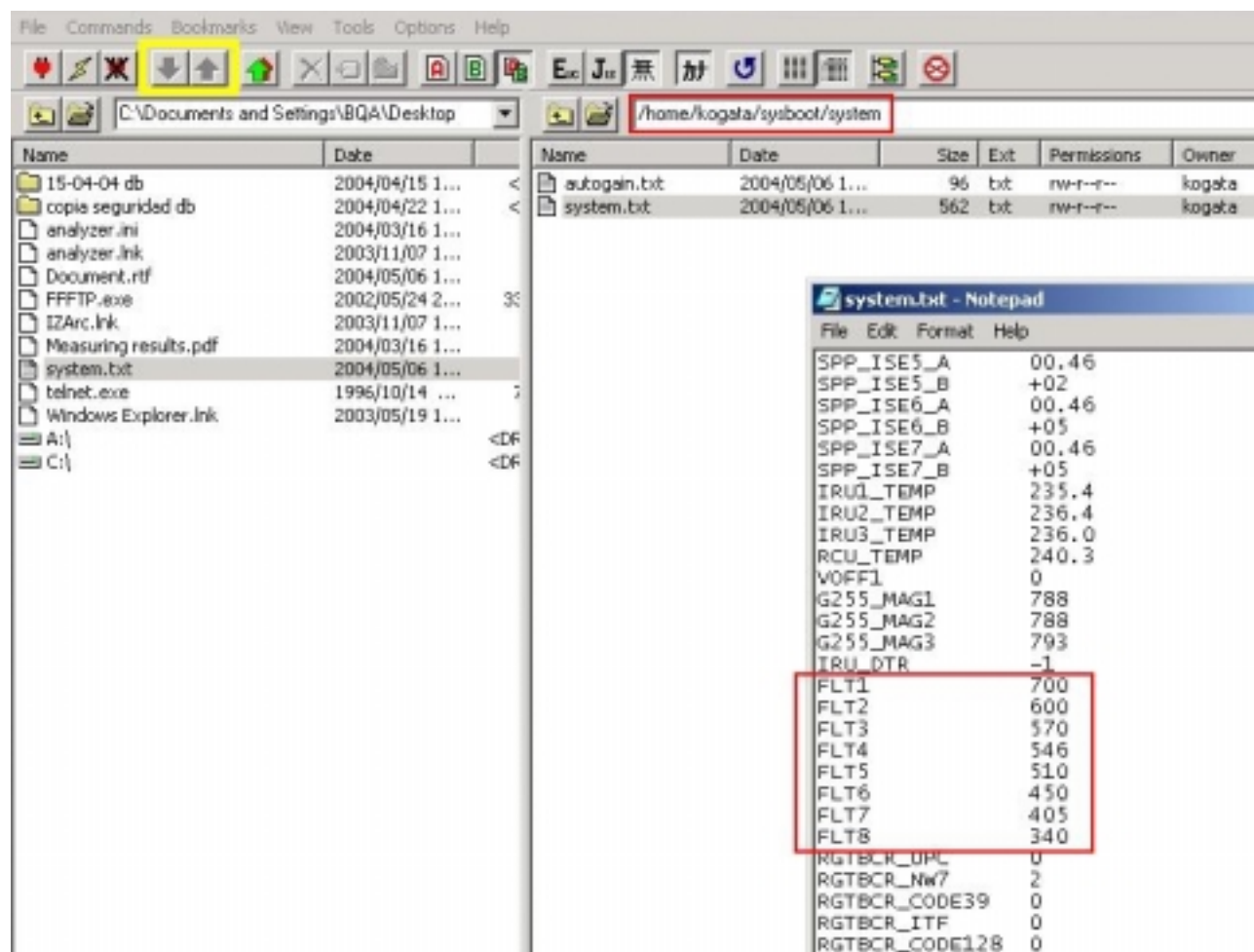
Type the next in the General Tab

ITEM	ENTRY
Profile name:	Host
Host name/Address:	172.17.31.2 02
User name:	kogata
Password/Pass phrase:	qnx
Initial local folder:	C:\
Initial host folder:	/home/kogata

Close the window with OK and then press the button Connect.

3. Software configuration

At the following picture we have a general description about the FFFTP software.



The left side is the explorer for the PC's hard disk. The right side is the explorer for the instrument's hard disk.

To modify the configuration of the hardware to enable the reading of the barcode reagents we must change some parameters of system.txt file (see right side). This file is the database configuration file of the instrument, so only proceed to do the following steps in order to avoid some future problems:



- a. On the right side go to /home/kogata/sysboot/system folder. By default we should be in /home/kogata.
- b. Select system.txt file on the right and press Download. The file will be saved in the current address on the left.
- c. Open the sytem.txt file from the left side
- d. Modify the wavelengths with the value that appears in the picture
- e. Close and save the document
- f. Select the system.txt file on the left side
- g. Press Upload and overwrite the existing file.
- h. Close FFFTP software
- i. Switch off the instrument
- j. Switch on the instrument
- k. Open analyzer software.

Once you finish this procedure the instrument should have the new filter wheel configuration on User Interface Software.

In case you have any questions do not hesitate to contact Biokit's Technical Service.