

# BIOCHROM ANTHOS ZENYTH 200ST AND ZENYTH 340ST

## TECH TIPS: TRANSFERRING DATA TO A PC USING MICROSOFT ACTIVESYNC



### Connect the PC to the Zenyth using Microsoft ActiveSync

1. Plug your null modem (RS232) cable into the back of your PC, but **do not** connect to the instrument at this point.
2. Download and install Microsoft Activesync on the PC you wish to connect to the instrument. From **File > Connection Settings**, allow connection to the communications port that the instrument is using to connect to the PC. (The port used can be found under **Control Panel in System > Hardware > Device Manager > Ports**).
3. On the instrument, in the main menu, select **End**. Confirm choice with **Yes**. Select **No** to exit to Windows CE.
4. Go to **My Computer** and open the **Windows** folder on the Zenyth in Windows CE and locate the program: **repllog.exe** but do not start it. In quick succession, connect the null modem cable to the instrument and then double click on **repllog.exe** to initiate the program.
5. **ActiveSync** is now connected. After a few seconds, ActiveSync will ask if you would like to set up a partnership, select **No**.
6. The instrument files can now be viewed by clicking the **Explore** button from the ActiveSync program window.

### Transfer Data from Zenyth to PC

1. Click the **Explore** button from Activesync program window.
2. Wait for the Activesync to refresh the window (this can take a few seconds)
3. Navigate to **My Computer\DiskC\DATA**
4. Select plate or test definitions you wish to transfer; copy and paste to the ADAP program directory. Typically, this is located in **C:\Program Files\ADAP** on the desktop PC.

### Import Measurements and Test Definitions into ADAP

1. Disconnect cable to instrument.
2. Initiate Zenyth standalone software by launching the AMR program from **My Computer\DiskC\** on the Zenyth, now reconnect the cable. *Note:* ADAP cannot operate the Zenyth remotely if Microsoft ActiveSync is connected to the instrument.
3. Initiate remote mode on the Zenyth:

- a. Select **CE** on the Zenyth keypad to change to the **ELISA** module (seen in the top right corner of the screen).
  - b. Select **Setup > More > More** and then **Remote Control**.  
Select baudrate of 38,400, selection 2 (it is possible that the PC that connects to the instrument will be unable to connect using this baudrate, in this case, try the slower rates of 19,200 or 9,600).
4. Open ADAP on the PC.
  5. Connect ADAP to the instrument:
    - a. Go to **Setup > Instrument**.  
Confirm that the correct instrument is selected in the Instrument tab.
    - b. Go to the **Down/Upload** tab in the same window.
    - c. Select **Import to Database**.
    - d. Select the files to be imported. Check that the file type is correct: there are two file extensions: **dwr** (test definition) and **plt** (plate measurements).
    - e. **File > Save**.
  6. To open measured plate results in ADAP: **Database > Open Saved Plate**. Make the date range broad to account for differences in date formatting between ADAP and the instrument.
  7. Data can now be imported into data analysis software as a matrix. Go to **Options > Copy All Data** or **Copy all Displayed Data**
  8. To open a test definition, go to **Setup > Test Defintion > File > Open**.