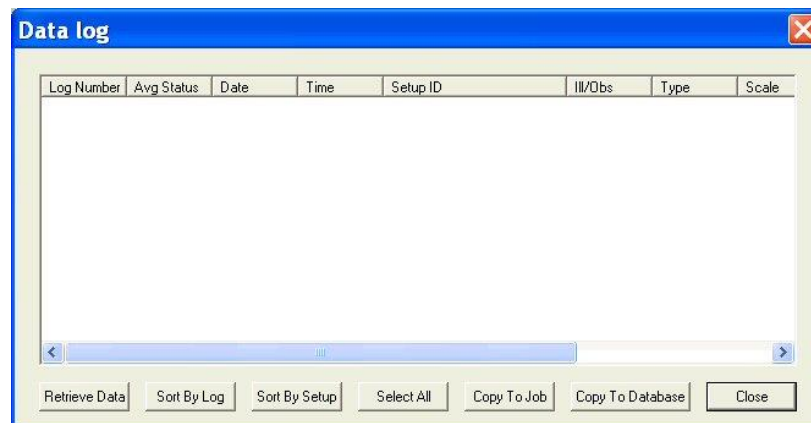# EasyMatch® QC Lesson 7

Sharing Data and Setups with a ColorFlex EZ, or MiniScan EZ

In order to upload samples from your ColorFlex EZ or MiniScan EZ datalog to EasyMatch QC, you must have data saved to the instrument datalog as SPECTRAL data or ABSOLUTE TRISTIMULUS data. See your instrument's User's Guide for information about using a spectral datalog (configured in the Instrument Setup) and measuring absolute data (configured in the Product Setup). When you are ready to upload your data, perform the following steps:

1) **Connect the Sensor**. Connect the ColorFlex EZ or MiniScan EZ to your computer and install it in EasyMatch QC. See the Sensor Menu chapter and Chapter 11 for more information.

2) **Open an EasyMatch QC job** and configure it as desired. You may modify the views later as long as SPECTRAL or ABSOLUTE TRISTIMULUS data is being uploaded.

3) Choose **Import Logged Reads** from the **Sensor** menu. The following screen appears.

a) Click **Retrieve Data**. The measurements stored in the instrument datalog will be uploaded and displayed on the Data log screen. A status screen will be displayed as the data uploads.
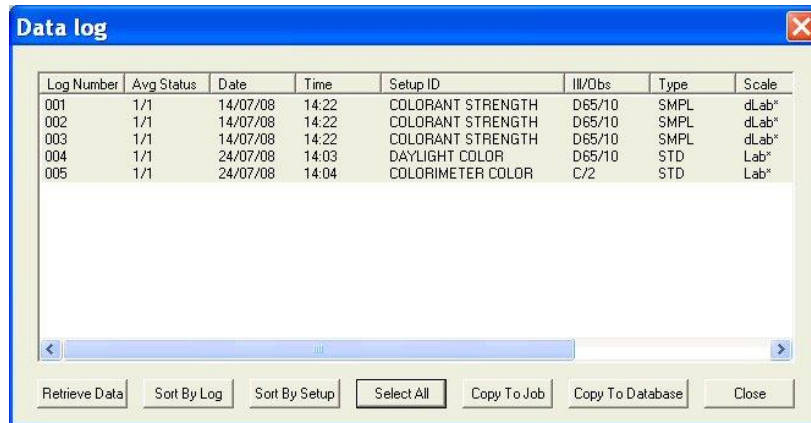
b) Suppose, after examining the data, you wish to show Log Numbers 003 and 004 in your job. The other data will not be displayed in the job, but you don't mind. Click on 003 and then hold the **Ctrl** key on your keyboard and click on 004 so that those samples are highlighted.
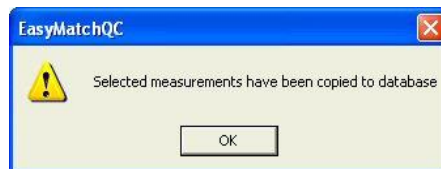

c) Click **Copy to Job**. These measurements are copied into your job. Standards are copied into the job as standards. Samples are copied as samples, and you are given the opportunity to indicate the standard with which you would like to link each. The Data log screen remains open.

Note: If you attempt to copy a ColorFlex EZ DIFFERENCE TRISTIMULUS sample into the job, the message "Difference data cannot be retrieved from the data log when it is in tristimulus mode" will be received and the sample will not be copied into the job. This is because the software does not know what standard values were used to calculate the sample's difference data.

d) Suppose you wish to copy all of the measurements into your database for later use. Click **Select All**. All of the measurements will be highlighted.
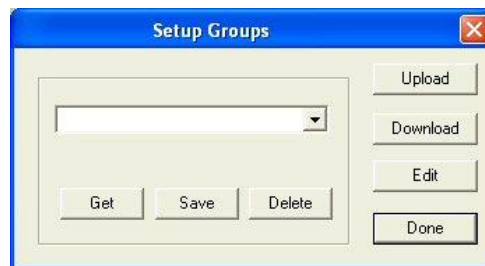
e) Click **Copy to Database**. The measurements are saved in the EasyMatch QC database.

f) Click **Close** to close the Data log screen.

Suppose you then want to modify one of your instrument Product Setups while the instrument is still connected to your computer. Complete the following steps:

1. Select **Configure Setups** from the **Sensor** menu. The following screen appears.

2. Since you wish to edit one setup, click **Edit**. The Product Setup Configuration screen appears.

Product Setup Configuration

Setup Number: 1 (1-99)

Setup ID: **SETUP NUMBER 1** 18 Chars. Max

Average Count: 0 (0-25) 0 = Off

Standard Type: Working

Display Mode: Difference   CMC l:c 2.0

Illuminant/Observer: D65/10   Factor 1.0

Retrieve
Update Sensor
Read Standard
Recall Standard
Retrieve All
Update All Setups

Color Scale: L*a*b*
L* 0.00
a* 0.00
b* 0.00

Index Scale: None
0.00

Difference Scale: L*a*b*
Tolerances: dL* 0.0   0.0 = Off
da* 0.0   0.0 = Off
db* 0.0   0.0 = Off

Difference Index: None
0.0   0.0 = Off

OK   Cancel

Product Setup Configuration Tool

Setup Number: 1 (1-100)

Setup ID: **SETUP 1** 15 Chars. Max

Standard Type: Physical

Average Count: 1 (1-20) 1 = Off

Retrieve
Retrieve All
Update Sensor
Update All Setups
Read Standard
Recall Standard

View 1 | View 2 | View 3 | View 4 | View 5 | View 6 | View 7 | View 8

☑ Enabled

Display Type: Absolute   Scale: L*a*b*
Illuminant/Observer: D65/10   Index: (...)

Shade Blocks: 3   Commercial Factor 1.00
l:c Ratio 2.00

Standard Values: +   Tolerances: -
L* 0.00   dL* 0.00   0.00   0.0 = Off
a* 0.00   da* 0.00   0.00   0.0 = Off
b* 0.00   db* 0.00   0.00   0.0 = Off
0.00   0.00   0.0 = Off

☐ Include in Auto Search

OK   Cancel

ColorFlex EZ and   MiniScan EZ

a. The setup you wish to modify is number 10. Click the up arrow next to Setup Number until the number 10 is shown.

ColorFlex EZ and   **MiniScan EZ**

       b.   Click the **Retrieve** button. The parameters that are currently stored in your instrument for Setup Number 10 are brought into the Product Setup Configuration screen.

Product Setup Configuration

Setup Number: 10 (1-99)

Setup ID: SETUP NUMBER 10   18 Chars. Max

Average Count: 0 (0-25) 0 = Off

Standard Type: Working

Display Mode: Difference   CMC l:c 2.0

Illuminant/Observer: D65/10   Factor 1.0

Retrieve
Update Sensor
Read Standard
Recall Standard
Retrieve All
Update All Setups

Color Scale: L*a*b*

L* 0.00
a* 0.00
b* 0.00

Index Scale: None

0.00

Difference Scale: L*a*b*

Tolerances: dL* 0.0   0.0 = Off
da* 0.0   0.0 = Off
db* 0.0   0.0 = Off

Difference Index: None

0.0   0.0 = Off

OK   Cancel

Product Setup Configuration Tool

Setup Number: 10 (1-100)

Setup ID: SETUP 10   15 Chars. Max

Standard Type: Physical

Average Count: 1 (1-20) 1 = Off

Retrieve
Retrieve All
Update Sensor
Update All Setups
Read Standard
Recall Standard

View 1 | View 2 | View 3 | View 4 | View 5 | View 6 | View 7 | View 8

☑ Enabled

Display Type: Absolute   Scale L*a*b*

Illuminant/Observer: D65/10   Index (...)

Shade Blocks 3   Commercial Factor 1.00

l:c Ratio 2.00

Standard Values: +   Tolerances: -

L* 0.00   dL* 0.00   0.00   0.0 = Off
a* 0.00   da* 0.00   0.00   0.0 = Off
b* 0.00   db* 0.00   0.00   0.0 = Off
0.00   0.00   0.0 = Off

☐ Include in Auto Search

OK   Cancel

ColorFlex EZ and   MiniScan EZ

   c.   Highlight the ID currently shown in the Setup ID box and replace that ID by typing "LESSON 7."

ColorFlex EZ and   **MiniScan EZ**

    d.   Select YI (YIE for MiniScan EZ) from the drop-down box next to Index Scale.
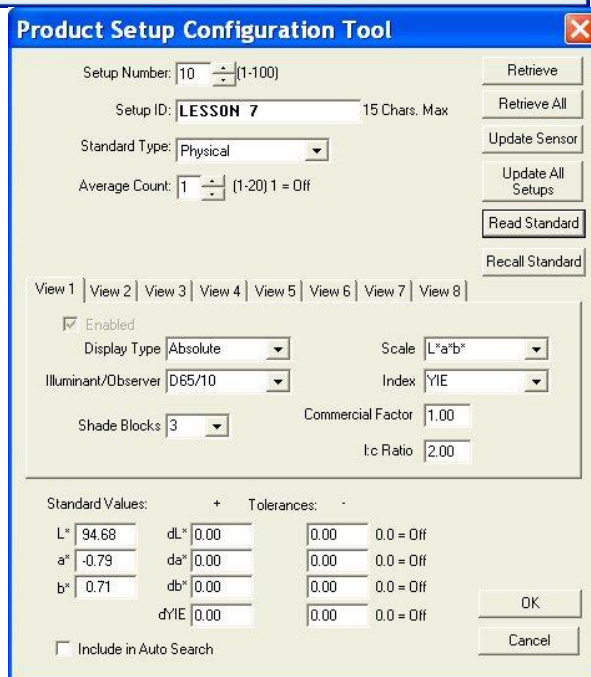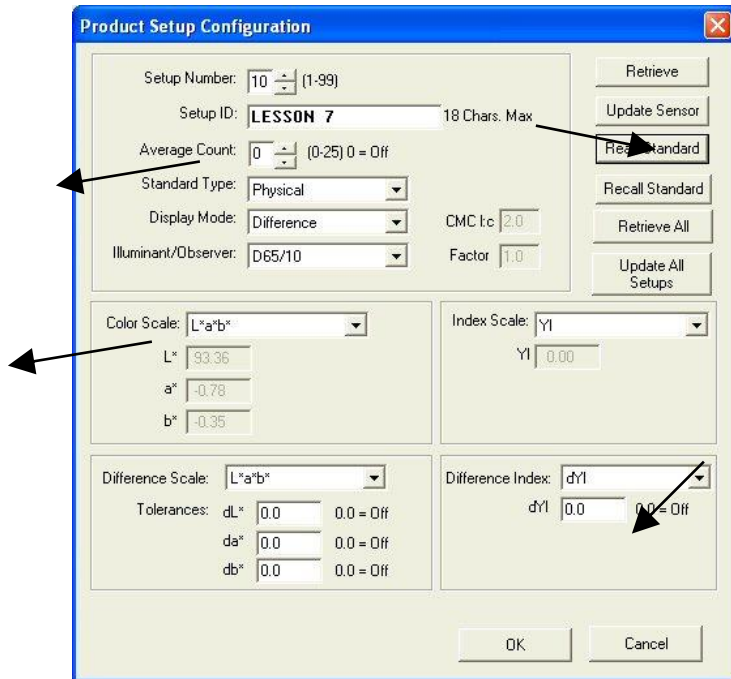
ColorFlex EZ and   **MiniScan EZ**

e. Select Physical from the drop-down box next to Standard Type. Center your product standard at the sample port and click the **Read Standard** button. The standard is measured and its values placed in the boxes beneath Color Scale.

ColorFlex EZ and   MiniScan EZ

f. Your setup has now been modified as desired on your computer screen. Click the
    Update Sensor button. The altered setup is sent to your instrument. Observe the
    change on your instrument's display.

g. Click **OK** to exit the Product Setup Configuration screen and then **Done** to exit the
    Setup Groups screen.