PyroMark® Data Converter

Product description

The PyroMark Data Converter converts Pyrosequencing® runs set up and completed with PyroMark Q96 ID Software into a file format that is compatible with the new PyroMark Q96 Software database. This tool copies the run data, converts the data to the new format, and exports the converted data to the location specified by the user. Only sequence analysis (SQA) and genotyping (SNP) runs which have been executed and completed will be converted. Runs containing multiplex assay data cannot be converted and are skipped during the conversion procedure.

Procedure

1. **Install the PyroMark Data Converter software on the instrument operating computer containing the database of runs to be converted. This computer must be running the Microsoft® Windows® XP operating system.**

2. **Open the PyroMark Data Converter and open the Database Settings window by clicking "Connect" or selecting "Connect" from the "File" menu (Figures 1 and 2).**

3. **Enter the requested information — the database name (TNS), user name, and password — into the dialog box, and click the "OK" button to connect to the specified database.**

   Note: Click "Check Connection" to determine if a connection is possible with the information entered.

   Note: Once a connection to the database is established, disconnect by clicking "Disconnect" (Figure 3 A).

4. **Select Pyrosequencing data for conversion by checking the box next to individual runs or folders (Figure 3 B), or using the "Select all data" or "Deselect all data" buttons (Figure 3 C, D).**

5. **Click** ⬚ **(Figure 3 E), and select or create a new directory in which to save the converted data. The path to the selected directory will be shown in the text field (Figure 3 F).**

6. **Click "Convert" (Figure 3 G) to convert and export all selected data to the specified directory. The progress of the export will be displayed in the progress bar (Figure 3 H).**

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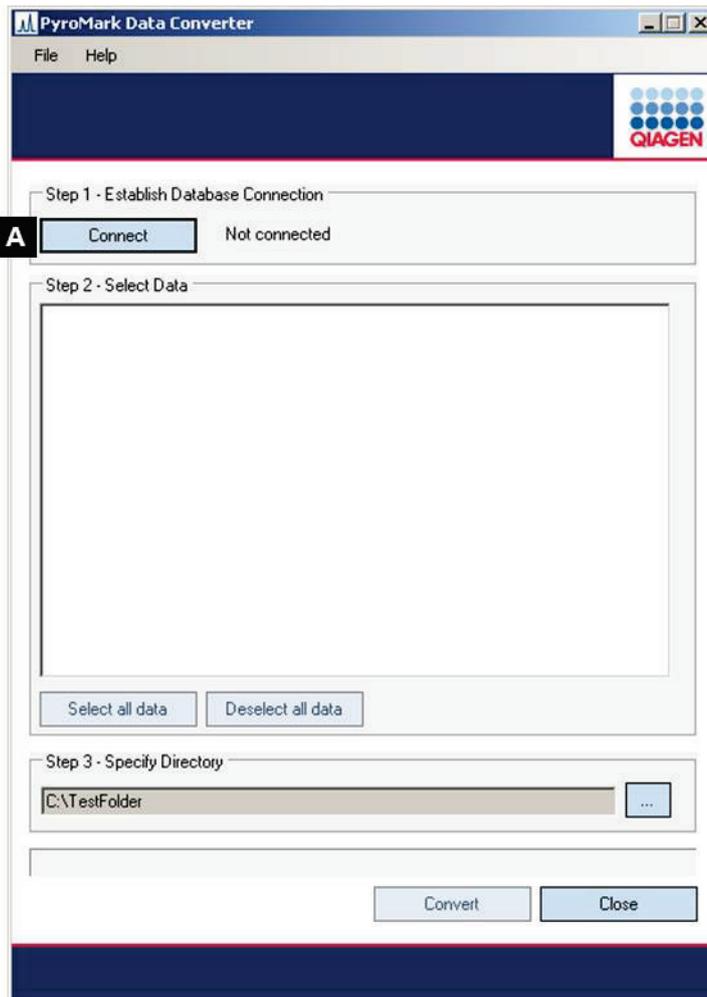
**Figure 1. PyroMark Data Converter main window**
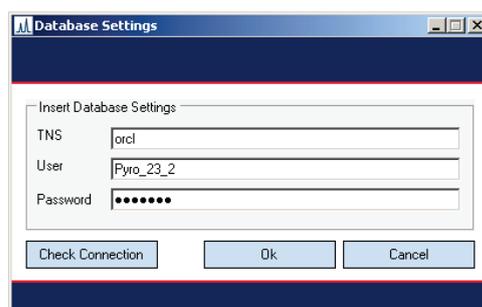
Figure 2. Database Settings dialog window. The default TNS and user name are indicated.
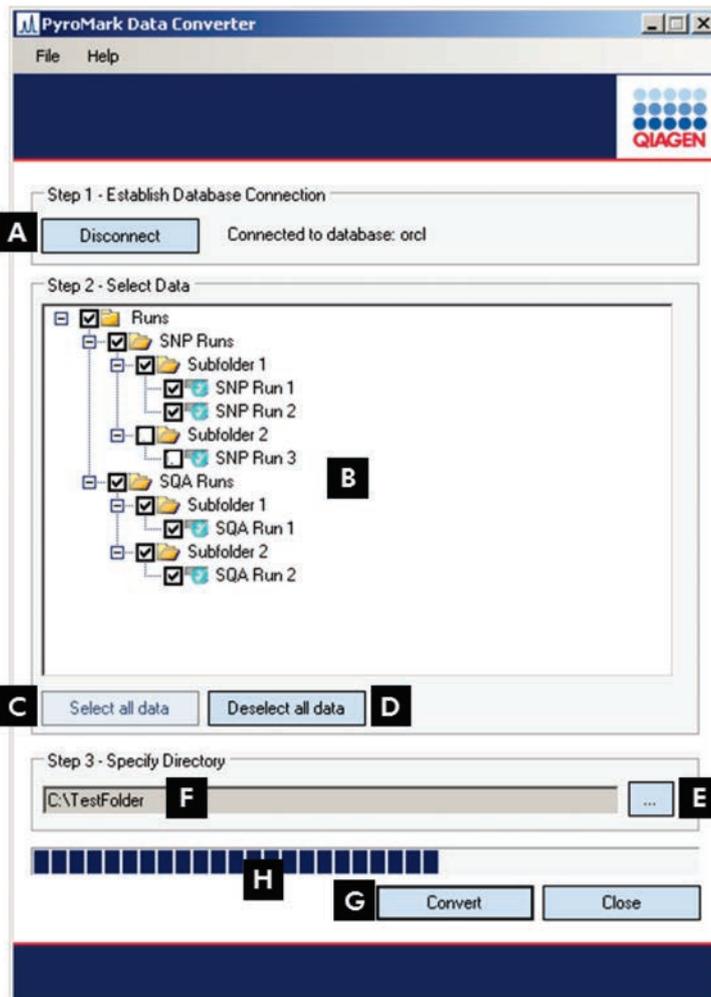
**Figure 3. PyroMark Data Converter main window while connected to database**

Error message	Comments and suggestions
a) The PyroMark Data Converter is already running.	The PyroMark Data Converter is already running, and it is not possible to open a second instance of it.
b) Connection failed. Please check your database settings.	Connection to the specified database is not possible. Check the database name and pathway.
c) Username or password is wrong. Please check your entry.	The username or password was entered incorrectly. Ensure that the correct username and password are used.
d) Result directory does not exist. Please select another result directory.	The directory specified for saving the Pyrosequencing run data does not exist. Select a different directory or create a new one.
e) The directory <name> is write-protected. Please select another result directory.	The directory specified for saving the Pyrosequencing run data is write-protected. Choose a directory that is not write-protected.
f) The filename <filename> contains an invalid char. This will be replaced with a blank.	A filename contains characters which are not allowed by the PyroMark Q96 software or the operating system. To close the message box:
	Click "Yes" to replace each invalid character with a space.
	Click "Cancel" to stop the export of further files.
	Click "Apply to all" to revise all further files with invalid characters in their names.
g) The file <filename> already exists. Do you want to replace it?	A file with the same name already exists in the specified directory. To close the message box:
	Click "Yes" to replace the existing file with the newly converted file.
	Click "No" to not replace the file.
	Click "Cancel" to stop the export of any more files.
	Click "Apply to all" to treat all subsequent duplicated filenames in the same way.
h) The file <filename> is being used by another application and cannot be converted.	The file cannot be converted, because it is being used by another application; it will be skipped. All files must be closed before they can be converted.

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