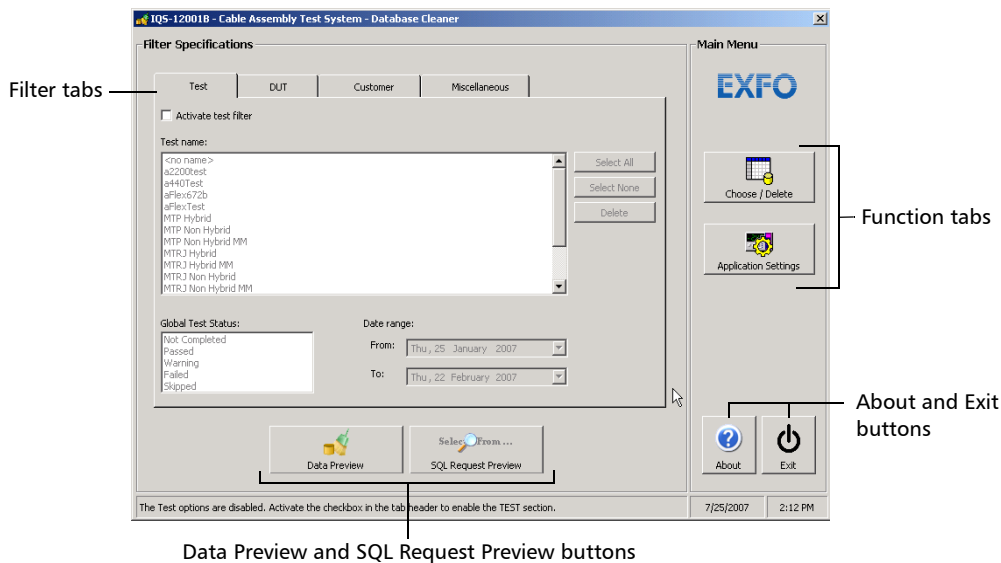# ADDENDUM

This information applies only to the IQS-12001B Cable Assembly Test System user guide.

Overview

The IQS-12001B Cable Assembly Test System DataBase Cleaner software was designed to manage patchcord test records. The accumulation of test records may slow down your system and possibly lead to a loss of data. The DataBase Cleaner enables you to keep the database as small as possible by deleting obsolete records.

Main Window

Filter tabs

Function tabs

About and Exit buttons

Data Preview and SQL Request Preview buttons

From the **Main Menu** you access the two function tabs:

➤ The **Choose/Delete** function tab allows you to access the main window where you can delete test records according to your selection of test parameters.

  The first time you delete a test record, the DataBase Cleaner automatically generates a backup of the whole database. This backup can be used to restore the database to its initial state.

➤ The **Applications Settings** function tab allows you to set the DataBase Cleaner password, restore deleted databases, make manual backups and define the network connection parameters of the system.

Installing the DataBase Cleaner

The DataBase Cleaner application is located on the CD delivered with the IQS-12001B software. It may be installed on a computer or directly on the IQS-500 controller unit.
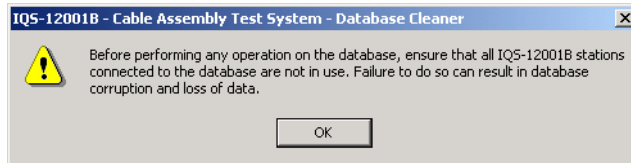
To install the DataBase Cleaner:

1. Insert the installation CD in the CD-ROM drive of your computer or IQS-500 controller unit.

2. On the CD, double-click the folder named **IQS-12001B DataBase Cleaner**.

3. Double-click the **setup.exe** file and follow the instructions appearing on the screen.

    The DataBase Cleaner application will be automatically installed on the same folder as your IQS-12001B Cable Assembly Test System software.
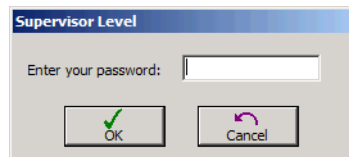
Starting and Exiting the DataBase Cleaner

To avoid potential corruption or loss of data, each time the DataBase Cleaner is started, a message reminds you to ensure that other active networked stations running the IQS-12001B are not in use.

IQS-12001B - Cable Assembly Test System - Database Cleaner

⚠️ Before performing any operation on the database, ensure that all IQS-12001B stations connected to the database are not in use. Failure to do so can result in database corruption and loss of data.

OK

To start the DataBase Cleaner application:

1. On the Windows taskbar, click the **Start** button, and point to **Programs**.

2. Point to **EXFO,** and then click **IQS-12001B DataBase Cleaner**.

3. In the **Supervisor Level** dialog box, in the **Enter your password** box, type the same password used to open the IQS-12001B Cable Assembly Test System.

Supervisor Level

Enter your password:

✓ OK   ↩ Cancel

4. Click **OK**.

To exit the DataBase Cleaner application:

On the **Main Menu**, click the **Exit** button.

OR

On the title bar, click ⊠.

Changing the Password

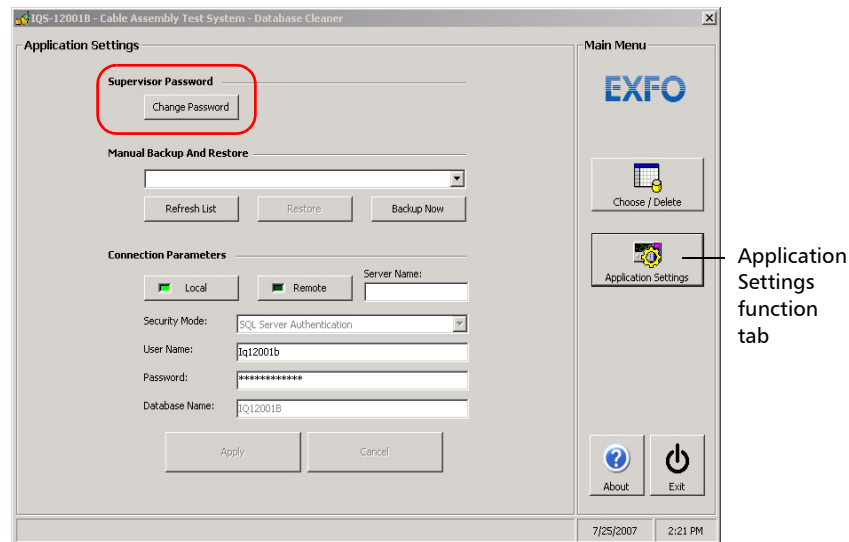You must have supervisor access level rights to change the password.

> **IMPORTANT**
>
> **The DataBase Cleaner uses the same password as the IQS-12001B Cable Assembly Test System.**
>
> **Changing the password to the DataBase Cleaner also changes the password to the IQS-12001B Cable Assembly Test System.**

To change the password:

1. From the **Application Settings** function tab, under **Supervisor Password**, click **Change Password**.

Application Settings function tab

2. In the **Change Password** dialog box, either use the keys of the computer keyboard or use the on-screen keyboard to type the old and new passwords.

   The password must have at least 6 characters.
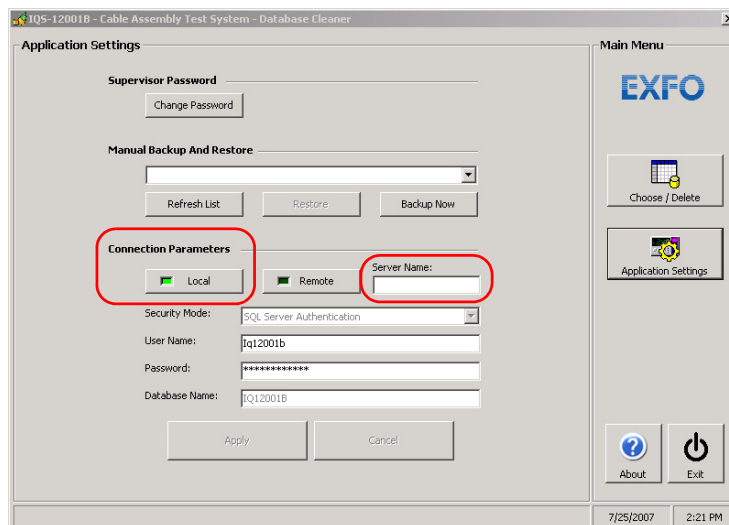

3. Click **OK**.

Working Locally or Remotely

To access the database you want to work on, you need to select the workstation or server name. For remote use, you also need to select the network security mode.

For further details, refer to sections *Configuring Database Connection* and *Configuring Database Security Mode* of the IQS-12001B user guide.

To work locally:

1. From the **Application Settings** function tab, under **Connection Parameters,** click **Local**.

The word **(Local)** appears in the **Server Name** box.

2. Click **Apply** to confirm your selection.

To work remotely:

1. From the **Application Settings** function tab, under **Connection Parameters**, click **Remote.**

2. In the **Server Name** box, type one of the following:

➤ the main workstation name for a centralized system configuration.

➤ the server name for a server-based configuration.

3. In the **Security Mode** list, select **SQL Server Authentication** or **Windows Authentication**.
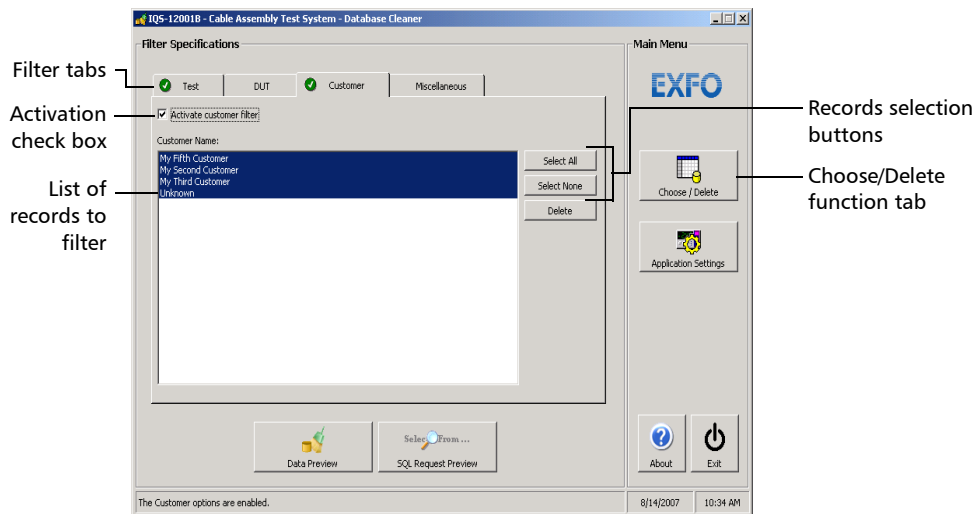
Note: *The security mode of the network connection is identical to that of the IQS-12001B Cable Assembly Test System.*

4. Click **Apply** to confirm your selection.

Deleting Test Records

The DataBase Cleaner includes the same test parameters as the IQS-12001B Cable Assembly Test System.

Test records are deleted by building a filter according to a selection of test parameters. Clicking the **Choose/Delete** function tab gives you access to the filter specifications of the main window.

The first time you delete a test record, the DataBase Cleaner automatically generates a backup of the database.

Subsequent record deletions made during the same cleaning session are not saved. You will lose all changes made since the last backup.

Building a Filter and Deleting Records

You can delete test records according to **Test**, **DUT**, **Customer**, and **Custom** parameters. The **Custom** parameters are available on the **Miscellaneous** tab.

Whenever you delete a record, a message appears on the screen asking you to confirm the operation.

Once your filter is complete, you can delete the selected records according to three methods:

Item	Delete	Delete All Entries	Delete Selected
Test record folder	Folder deleted	Folder retained	Folder retained
Data	All records deleted	All records deleted	Selected records deleted

To build a filter:

1. From the **Main Menu**, click the **Choose/Delete** function tab.

2. Under **Filter Specifications**, click the tab containing the type of parameters you want to delete.

3. Click the **Activate filter** check box to access the test records of the selected tab.

   A green circle on the tab header indicates that it is activated. You can build a filter by activating a single or several filter tabs.

4. Initially, all entries of an activated tab are highlighted.

   ➤ To deselect all records, click **Select None**.

   ➤ To select a few records, use the left button of your mouse. Use check boxes, lists, and text boxes to select the test records to be deleted.

   ➤ To select all test records, click **Select All**.

5. Repeat steps 2 to 4 for all applicable filter tabs.

I **IMPORTANT**

To avoid deleting the wrong test records, before clicking the Delete button of the main window, make sure that only the filter tabs containing the test records you really want to dispose of are activated.

I **IMPORTANT**

The first time you delete a test record, the DataBase Cleaner automatically generates a backup of the database. The name of the backup is composed of the date and time of deletion.
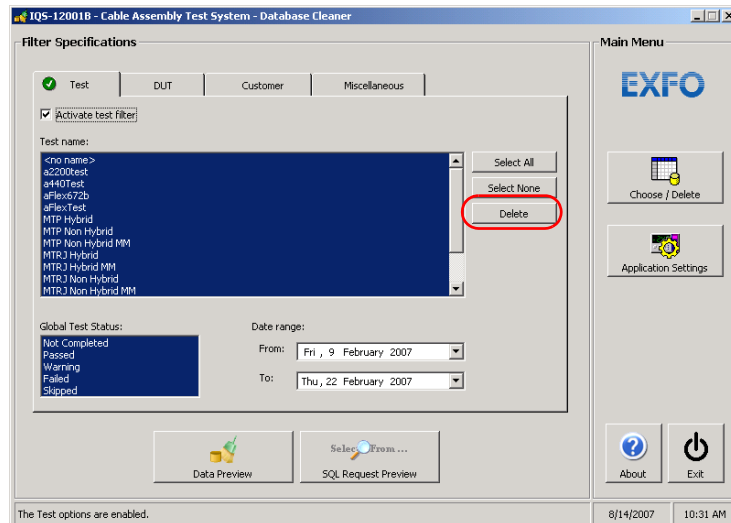
You should log the name of the backup for future reference.

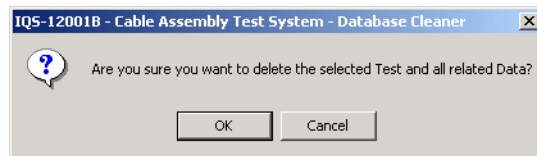The next time you delete records during the same session, no new backup is created.

You may recover any deleted records from the backup created during this data cleaning session using the Restore function.

To delete both the test record folder and its entire contents:

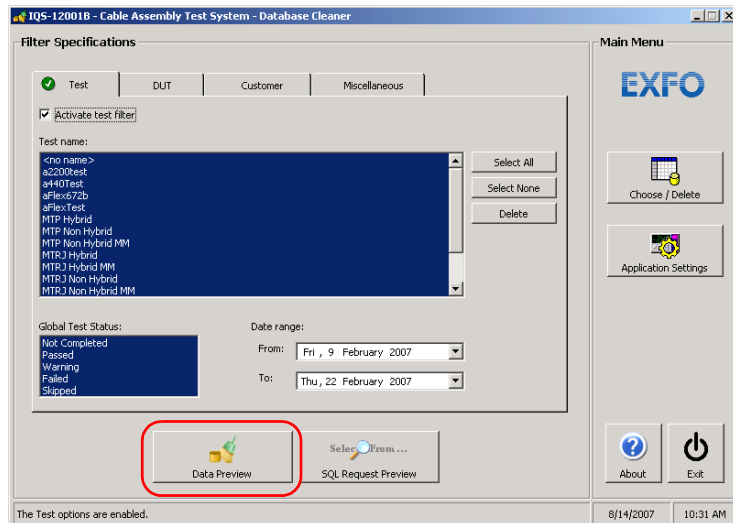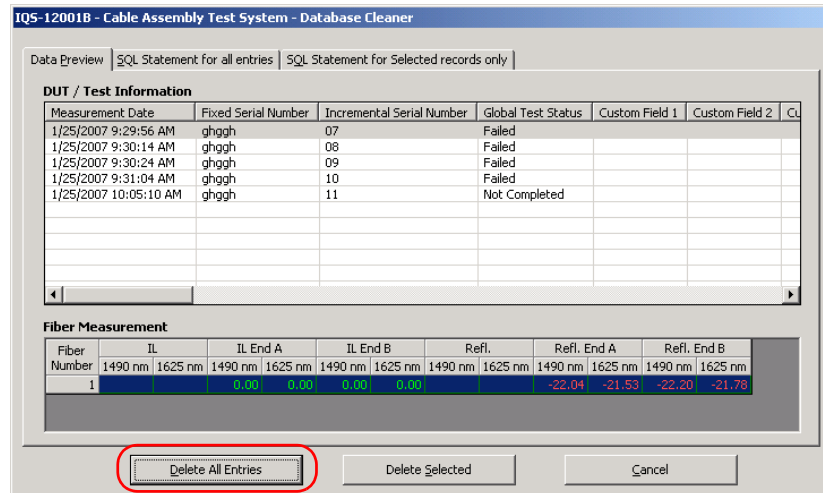**1.** From the main window, click **Delete**.

The following message appears.

2. Click **OK** to confirm or **Cancel** to return to the main window.

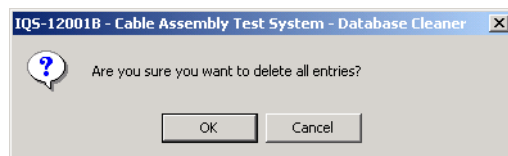***To delete all test records and keep the empty test record folder:***

1. From the main window, click **Data Preview**.

2. In the **IQS-12001B - Cable Assembly Test System - Database Cleaner** dialog box, click **Delete All Entries**.
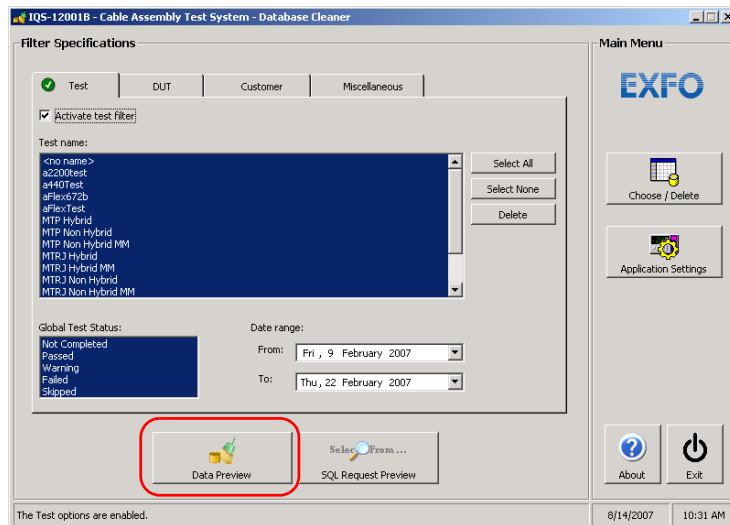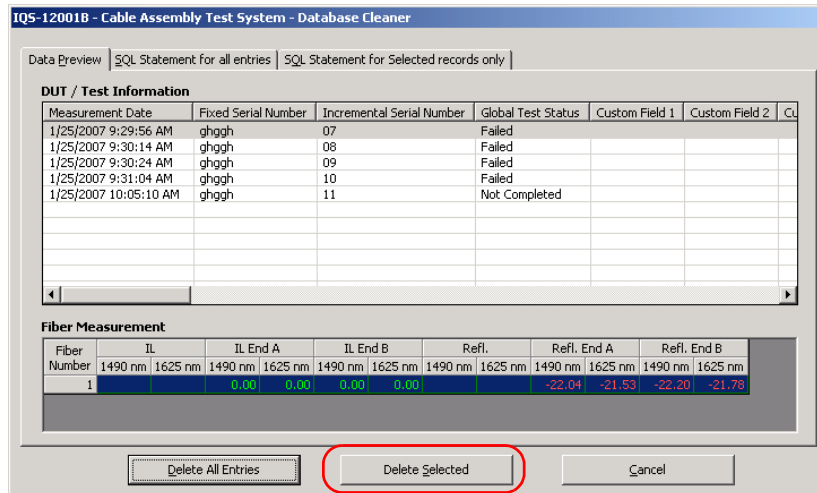

The following message appears.

3. Click **OK** to confirm or **Cancel** to return to the main window.

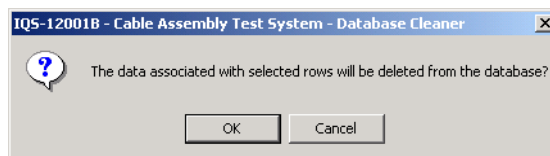### To delete selected records only:

1. From the main window, click **Data Preview**.

2. In the **IQS-12001B - Cable Assembly Test System - Database Cleaner** dialog box, click **Delete Selected**.

The following message appears.

3. Click **OK** to confirm or **Cancel** to return to the main window.

Restoring Records

The **Restore** function allows you to recover deleted records contained in a backup.

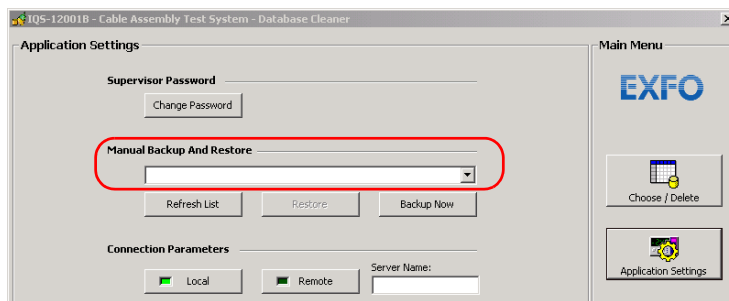However, you cannot recover records deleted since the last backup.

> ## ⚠ IMPORTANT
>
> **The restoring process will overwrite the current database with data from the selected backup file. You will lose all data saved between the last backup and the current date and time.**
>
> **For information on backups, see *Backing Up Tests and Configurations* in your IQS-12001B user guide.**
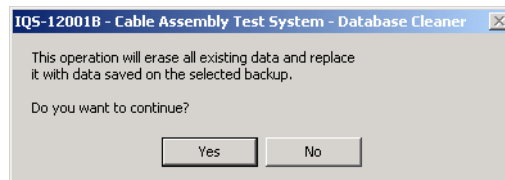
To restore records:

1. From the **Application Settings** function tab, under **Manual Backup & Restore**, select the backup you want to restore from the list.

If the desired backup does not appear in the list, click **Refresh List** to update the list of available choices.

2. Click **Restore**. The following message appears.

3. Click **Yes** to proceed with the restoring operation or **No** to return to the main window.

Once the restoring procedure is started, a message box informs you that the DataBase Cleaner application will be closed. You must wait a few minutes before restarting it.

Manual Database Backup

At any time, you can make a backup of the database you are working on.

For further details, refer to the section *Backing Up and Restoring Databases* in your IQS-12001B user guide.

To make a manual backup:

1. From the **Application Settings** function tab, under **Manual Backup & Restore**, click **Backup Now**.

A message appears to confirm the backup operation.

2. Click **OK** to confirm or **Cancel** to return to the main window.

IMPORTANT

All backups have an expiry date, after which they are automatically deleted from the disk. Use the IQS-12001B Cable Assembly Test System software (not the DataBase Cleaner application) to set the number of days for which backups will remain available.
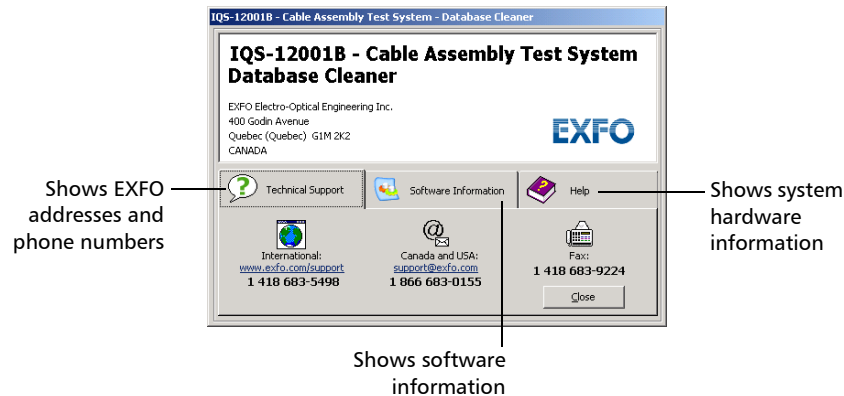
IMPORTANT

To avoid problems in case of a major crash, EXFO recommends to copy backups regularly to another disk. Backups can be found under C:\Program Files\Microsoft SQL Server\MSSQL\Backup. This path cannot be modified from the Cable Assembly Test System.

System Information and Technical Support

Information about the DataBase Cleaner software and technical support is available from the **Main Menu**.

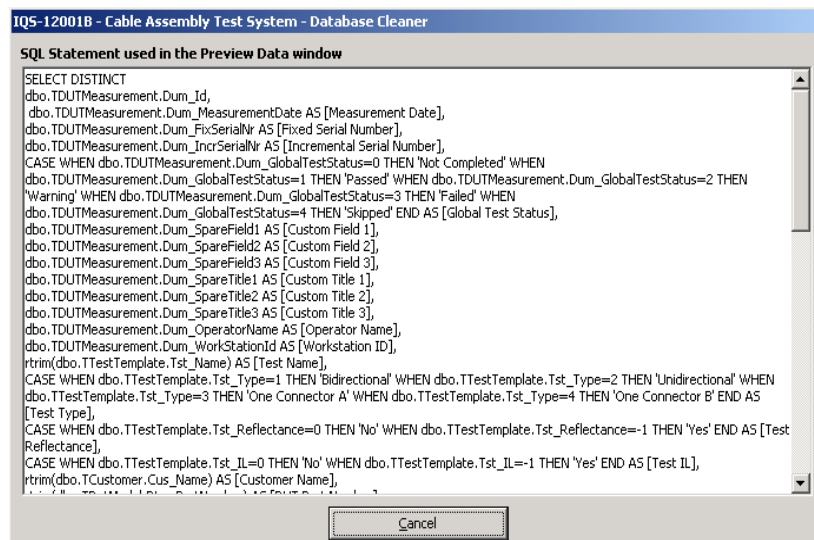### To view system and technical support information:

On the **Main Menu**, click **About**.

Shows EXFO addresses and phone numbers

Shows system hardware information

Shows software information

If you have several IQS-12001B Cable Assembly Test Systems containing a large number of records to manage and wish to create your own database management code, you can copy the instructions used by the DataBase Cleaner software.
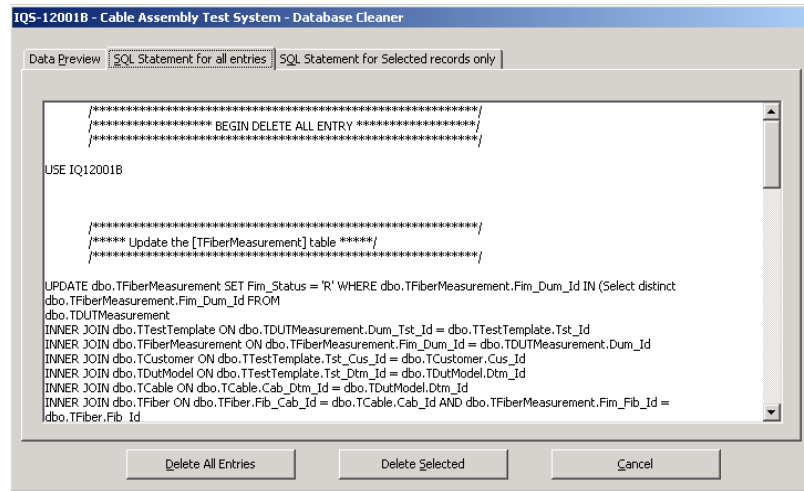
To access the code to create your own data preview tables:

On the main window, click **SQL Request Preview**. The following window appears.

To access the SQL code to create your own instructions to delete records:

1. From the main window, click **Data Preview**.

2. Click **SQL Statement for all entries** to access the code to delete all records.

OR

Click **SQL Statement for Selected records** to access the code to delete selected records.