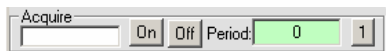# YSI®

level scout

Quick Start Guide

Start Up

1) Install Data Scout Advanced from the CD provided with the Level Scout.

2) Remove the battery insulator strip from the transducer and connect the transducer to the field cable or 770 com cable.

3) Connect the 778 all-in-one adapter to the field cable. Or, if using the 770 com cable, connect the 771 adapter to the com cable ensuring that the RS-485 end is connected to the 770.

4) Connect the RS-232 or USB output of the adapter to your PC. If using the all-in-one adapter, ensure the signal switch on the adapter is set to RS-232. If using USB, you will be prompted to load the drivers found on the info CD.

5) Start the Data Scout Advanced program.

6) Configure Data Scout Advanced to communicate with the Level Scout by selecting **Configure**, then **Xducer Site Network**.

7) Verify that the protocol is set to SDI-12, the correct com port is selected, and the baud rate is set to 19,200. Select **OK**.

8) Select **AutoDisc** to allow Data Scout Advanced to search for transducers. Wait for the search to end, or select **Stop**.

9) Select **Run** and select **Hi:Li Xducer**(s).

Reading Live Data

1.) Select the **On** button on the Acquire cell. Pressure, temperature, and battery voltage are now displayed on the tabular chart.
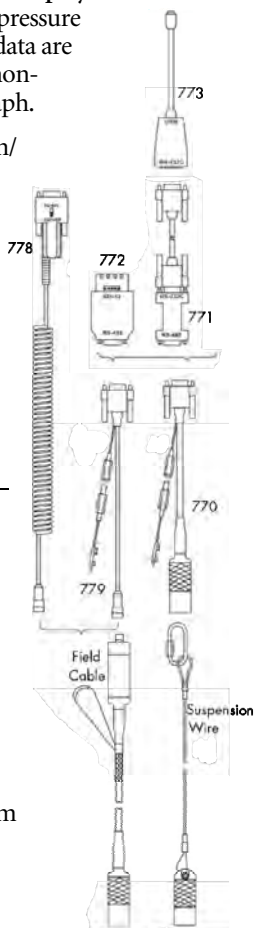

2.) Select the **Off** button in the acquire cell to stop.

Logging Data

1.) To begin the process of logging data, synchronize the PC clock with the Level Scout clock by selecting **Other.** Check **Synchronize/Xducer(s) with PC** and select **Send.**

2.) Select **Edit Test.** Wait for the transducer to upload information to the PC. Select the two **Rel** radio buttons. Select **Send.** This programs a 5 minute test, sampling pressure and temperature once per minute. Wait 5 minutes for the test to conclude.

Extracting Logged Data

1.) To extract logged data, select **Extract Test Data.** Check **Extract Scans Above** and select **Send.**

2.) Select **File/View AutoLog Files** from the top menu.

3.) Select the file and select **Open** to view the AutoLog test. Select the arrow for the drop down menu in the **Display** cell and select **Both.** Complete pressure and temperature data are displayed on the non-scrolling trend graph.

4.) Use the Time/Scan/ Measurement/ Other tabs to customize future AutoLog tests.

CONTACT INFORMATION

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