

**Location:** **Nutech Instruments, Delhi**

**Year of Implementation:** **2000**

**Product Summary:**

Project	
<b>Project</b>	<b>Data Acquisition and Logger</b>
<b>Installation and Development</b>	<p>Company is involved in the manufacturing of Gas Cylinders To get the ISI Certification, user needed to follow some specific list test of sequence and after analysis, their data to be submitted to the some authority to get it verified.</p> <p>For that user needed the computerization, We did the PC-based automation for this as follows:</p> <p>To measure the Temperature in critical conditions, analyze the data</p> <p>Using the ADAM-4000 series modules of Advantech's, we did the interfacing of their instruments with the computer.</p> <p>Developed the software, which does the measurement of number of channels, scaling, analyzing, visualizing in GUI form, logging the data and generation of reports.</p> <p>Provision for setting the limits for alarming, provision of setting the time rate for logging the data and setting scaling parameters is also provided in the application. When the test is complete, user can visualize the reports of different types, in different forms i.e. Tabular etc.</p>
<b>Software &amp; Language Used:</b>	Operating System <b>WinXP</b> and software <b>Visual C</b>