

DAQ970A Data Acquisition System

3.03 Version Information

Release Date:	February 7, 2025
Requirements Category (e.g., operating system):	Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10, Microsoft Windows 11
Requirements Category (e.g., instrument software version):	None
File Name:	DAQ97XA_Rev3.03.zip
License:	None

Bug Fixes

1. To enable 4-wire RTD/4-wire thermistor/4-wire strain gage measurement.

3.02 Version Information

Release Date:	October 15, 2024
Requirements Category (e.g., operating system):	Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10, Microsoft Windows 11
Requirements Category (e.g., instrument software version):	None
File Name:	DAQ97XA_Rev3.02.zip
License:	None

Enhancements

1. Add compatibility with DAQM910A.

2.03 Version Information

Release Date:	November 1, 2021
Requirements Category (e.g., operating system):	Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10,
Requirements Category (e.g., instrument software version):	None
File Name:	DAQ97XA_Rev2.03.zip
License:	None

Bug Fixes

1. Fixed a defect that caused an error when setting the seconds to a non zero number when using the “SYST:TIME < hh >,< mm >,< ss.sss >” command
2. Various minor bug fixes

2.02 Version Information

Release Date:	May 12, 2020
Requirements Category (e.g., operating system):	Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10,
Requirements Category (e.g., instrument software version):	None
File Name:	DAQ97XA_Rev2.02.zip
License:	None

New Features

1. Added new SCPI commands to conform with Common Engineering Standards 5.1 (Instrument Configuration Discovery) and 6.1 (Asset Management). This allows the support team to obtain detailed information about an instrument of interest.

Enhancements

1. Added the function of summation of total channel list.
2. Added data labels in exported data file.

Bug Fixes

2. Removed the limit of thermocouples to 50mV maximum signal due to open check function.
3. Suitable sample time will be selected automatically when performing digitizing.
4. Fixed the issue where .dat file format could not be saved.
5. Fixed the issue where the chart is displayed wrongly in View mode.
6. Fixed the system error popup after rebooting the instrument using SCPI.
7. Fixed the wrong display of period range when exporting the configuration.
8. Removed the dependency of vertical scaling for voltage channel, current channel and power analysis.
9. Fixed wrong display when choosing equation to Sum(list).
10. Added the help file in instrument Web GUI.
11. Resolved the issue where the trend chart in quick measurement mode did not reset with factory reset.

2.01 Version Information

Release Date:	October 18, 2019
Requirements Category (e.g., operating system):	Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10,
Requirements Category (e.g., instrument software version):	None
File Name:	DAQ970A_Rev2.01.zip
License:	None

New Features

1. Added new model DAQ973A with GPIB interface.
2. Added single channel DMM digitize.
3. Added new digitizer module (DAQM909A) support.

Enhancements

1. Update of the HPP from 4.5M5 to 4.5M8 and ACCL from 4.7M10 to 4.7M11.
2. Increased the scan reading memory size from 100k to 1M.
3. Modified to support shorter DMM aperture, i.e. 0.001 PLC or 20us user-defined aperture.

Bug Fixes

1. Fixed the issue in DMM Digitize and Digitizer mode where the Y1 and Y2 cursors in Trend Chart are always set to fixed value regardless of vertical scaling
2. Fixed the issue in DMM Digitize and Digitizer mode where ΔY in Trend Chart does not update when Y cursors are moved
3. Fixed the issue in DMM Digitize and Digitizer mode where ΔY Lock ON in Trend Chart does not move both cursors together

1.02 Version Information

Release Date:	August 7, 2018
Requirements Category (e.g., operating system):	Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10,
Requirements Category (e.g., instrument software version):	None
File Name:	DAQ970A_Rev1.02.zip
License:	None