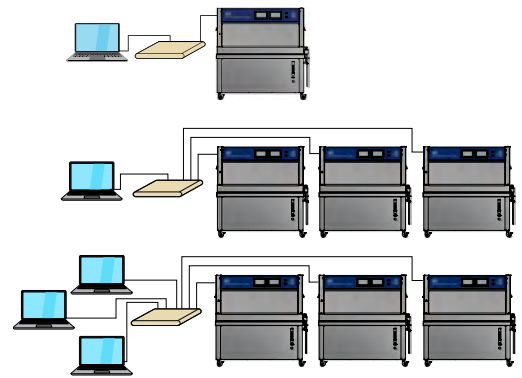# VIRTUAL STRIPCHART Data Logging Software for Q-Lab Testers

Overview

The VIRTUAL STRIPCHART™ data logging software collects data from Q-Lab testers and stores it on a personal computer. It records and displays data on critical test parameters such as temperature, irradiance, and relative humidity. The VIRTUAL STRIPCHART software is compatible with all models of QUV®, QCT®, Q-SUN®, and Q-FOG® test chambers.
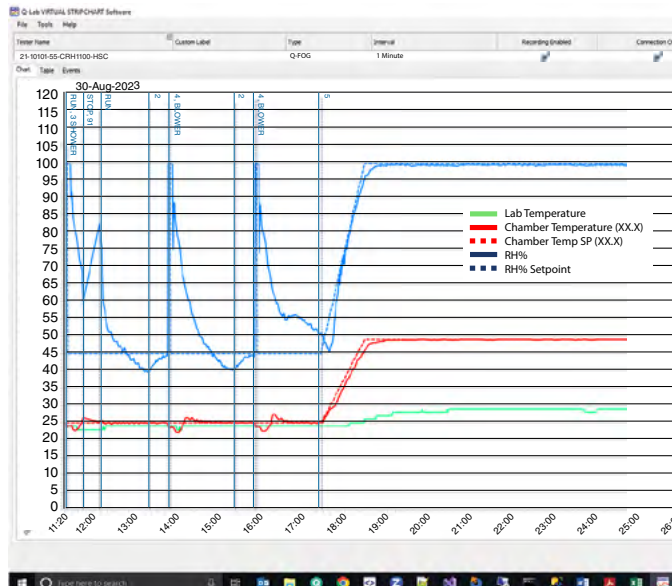
Features

- Flexible LAN (Local Area Network) configuration

- Records & displays critical data such as temperature, irradiance, and relative humidity (RH)

- Verifies that your testers have been operating properly

- Creates historical charts for ISO 17025 audits

- Allows for data export to Q-Portal for remote troubleshooting help

Flexible LAN configuration allows for different system set-ups.

Data Presentation

The views and fields within the VIRTUAL STRIPCHART software are customizable to suit your specific application. Information can be displayed in both chart and tabular formats. The software allows you to select which parameters are displayed. You can choose to hide setpoints, events (start, stop, error messages, etc.), and steps within the cycle (UV, condensation, spray, fog, etc). For total customization, you can export the data into Excel for later analysis.
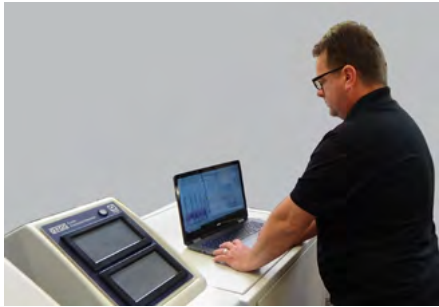

Fully Customizable:

- View directly on-screen or save data for audit record-keeping

- Customize scale on both X & Y axes

- Create charts, tables, or graphs

- Export data to Excel for later analysis

- Select line colors and styles

- Show or hide:

  1. Setpoints

  2. Steps within a cycle

  3. Start, stop, or errors

Remote Diagnostics

The VIRTUAL STRIPCHART software offers advanced troubleshooting with remote diagnostics. With this feature, the system automatically creates a file containing detailed data on tester operation. Customers can then e-mail this information to Q-Lab's repair technicians at **repair@q-lab.com**. Our technicians are experts at analyzing this data and quickly helping you troubleshoot and resolve problems. Easy-to-use and secure for all networks, the VIRTUAL STRIPCHART software's troubleshooting function helps to ensure that your test is back up and running as soon as possible.

Flexible LAN Configuration

Log and view data on a single dedicated computer or on multiple units within your network. Each tester communicates via a standard Ethernet port.* With the VIRTUAL STRIPCHART software, up to 80 QUV, Q-SUN, QCT, and Q-FOG testers can operate on the same log file. The program is compatible with Windows® 10 and Windows® 11 operating systems.

*Some older model testers without a built-in Ethernet port cannot use the VIRTUAL STRIPCHART software. Consult Q-Lab for more information.

Reliable Record-Keeping for Audits

Historical charts generated by the software can be used as a record for ISO 17025 audits. This record can prove to an auditor that a machine is performing the way it should. As long as the attached computer and VIRTUAL STRIPCHART are running, the software is built to reliably record data 24 hours a day, 7 days a week, and 365 days a year. All data is safely stored and can be saved for historical record keeping.

Requirements

- Windows® 10 or Windows® 11 operating system
- Any PC with minimum 8 GB RAM
- Any QUV, Q-SUN, QCT, or Q-FOG model with standard Ethernet port
- PC must be compatible with Microsoft SQL Server.

VIRTUAL STRIPCHART Benefits

- The purchase price for the VIRTUAL STRIPCHART software includes four hours of support from our IT team.
- The one-time software download can be used to support all testers in a lab.
- The VIRTUAL STRIPCHART is built into all new Q-Lab testers at no cost with a simplified on-screen view and a more complete online interface for data uploading.

Warranty

The VIRTUAL STRIPCHART software is guaranteed against defects for one year. Liability is limited to replacing the software. Q-Lab Corporation makes no other warranties, including implied warranties of merchantability or fitness for a particular purpose, except as may be expressly provided by Q-Lab Corporation in writing. Q-Lab Corporation shall not be liable for any incidental, consequential, special, or contingent damages arising out of the sale or use of any product.

For sales, technical, or repair support, please visit:

Q-Lab.com/support

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