

SPC Data Collection for Cables & Harnesses



SPC Link is purchased as an option for the Touch 1. It consists of a feature code to enable SPC data collection on your Touch 1 analyzer, SPC Link software which you install on your PC, and a complete user's guide.



SPC Link™ — a software package for the Signature® Touch 1.™

WITH SPC LINK YOU CAN:

- collect SPC (statistical process control) data from your Touch 1 analyzer;
- retrieve this data in ASCII text file format for use in a spreadsheet program, report software, SPC software package, etc.

HOW IT WORKS:

1. **Specify** the type of data to be collected on the Touch 1 (SUMMARY DATA, ERROR TEXT, and/or MEASURED VALUES).
2. **Collect data.** Once enabled, data collection takes place automatically during testing. The data is stored to a floppy disk or to a network drive (if so equipped).
3. **Read data into SPC Link program.** The data must be read into SPC Link to be properly filtered prior to exporting.
4. **Export the data to an ASCII text file.** The data is formatted for use in a spreadsheet or a 3rd party SPC software package.

REQUIRED EQUIPMENT:

- Touch 1 using software version 2.2x & above
- SPC Link Software Package
- PC Computer (minimum requirement: Pentium-class)
- Windows 95, 98, 2000, NT 3.51, or higher (does not run on Windows 3.1x)

FEATURES:

- Easy to Use:** Menu-driven touch-screen set-up.
- Fast:** Data collection is “automatic” every time you test.
- Convenient:** Store the data directly to a floppy disk or to your network PC (optional).
- Powerful:** Select the type of SPC data you want to collect: SUMMARY (# of “goods” and “bads” of all failure types), ERROR TEXT (detail of ALL errors), MEASURED VALUES (resistance of each wire, components).

BENEFITS:

- Process improvement:** Detailed error information reveals process problems.
- Failure analysis:** Error charting allows you to focus on the biggest problems first.
- More accurate price quoting:** A better understanding of your process capabilities means more accurate bidding.
- Throughput analysis:** Time-stamp data allows you to track productivity by product line and by operator.
- Better Documentation:** Accurate traceability satisfies the most “demanding” customers.

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Cable/Harness Testing Made Easy™

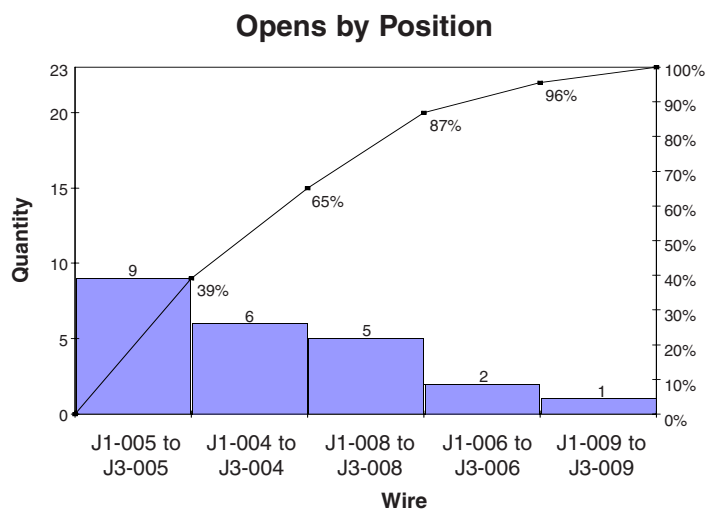
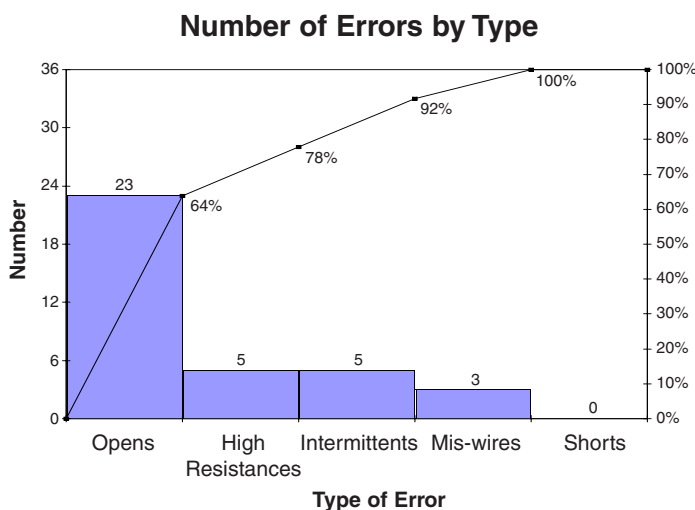
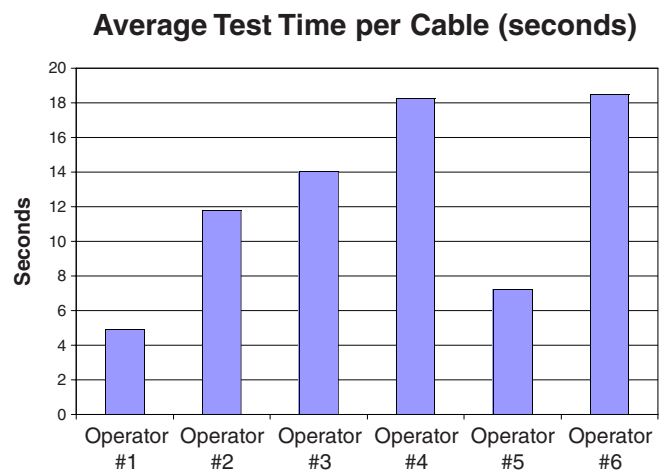
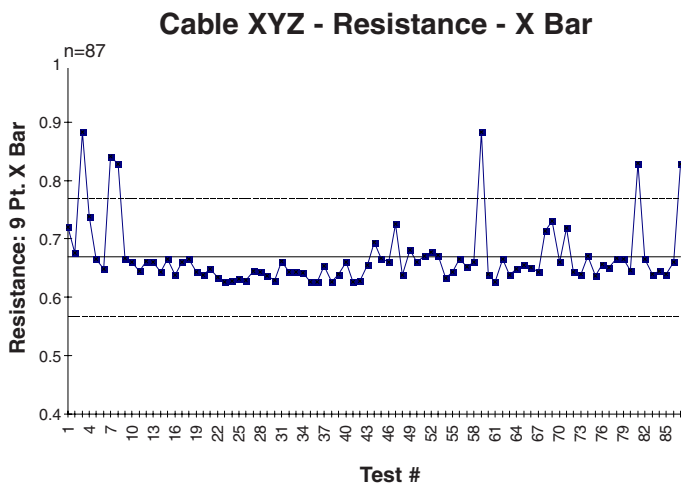
What can I do with SPC data collection?

CHOOSING THE TYPE OF SPC DATA YOU WANT TO COLLECT:

You set up SPC data collection in the Touch 1 on a wirelist-by-wirelist basis. If data collection is enabled, SUMMARY DATA is saved for all cables. Additionally, ERROR TEXT and MEASURED VALUES can be saved.

- **Summary Data** includes the total number of cables tested, both good and bad. It also includes totals for each type of error (continuity, hipot, mis-wires, components, etc.).
- **Error Text** provides detailed error information for each bad cable (which points are open, shorted, etc.).
- **Measured Values** provide the actual measured resistance value for each point-to-point connection in every cable tested, and the measured values of all components in the wirelist.

The following graphs are examples of what you can do with the data collected from the Touch 1. These graphs were created in Microsoft Excel™ using actual test data collected from a and converted into an ASCII text file using the SPC Link program.



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