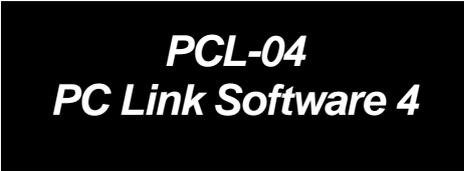


PC Link Software 4 is a Windows application to display and edit test parameters and data acquired from Cosmo Air Leak Testers on a computer. User interface language can be switched easily among Japanese, English, Korean and Chinese. For the applicable models of Air Leak Tester, see “Specifications / Features”.



■ Features

- Test parameters editing and storing
 - Test parameters can be viewed and managed on a computer.
- Test logs are acquired in Excel or CSV format.
 - Test data analysis is available.
- Different sets of test data can be displayed in waveforms, which can be compared with each other.
 - Helps determine optimum test conditions.
- Acquired data can be stored in files and printed out.
- User interface language can be switched easily among Japanese, English, Korean and Chinese.
 - The software can be used all over the world.

■ Application Examples

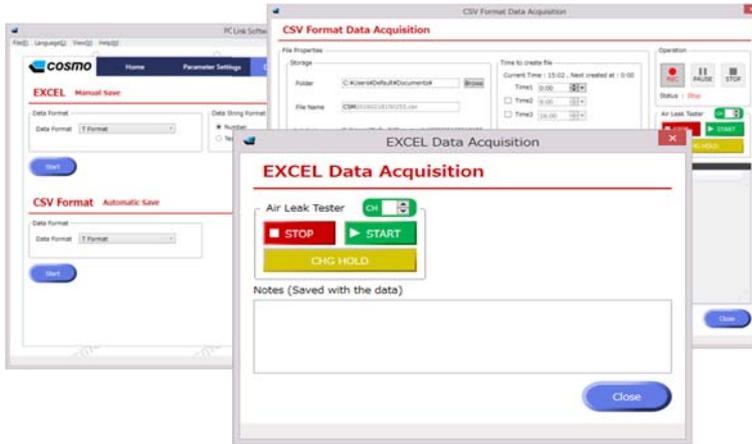
- Test data analysis using Excel
- Collecting test logs of all the products on the production line
 - All test logs can be saved.
- Test parameters can be sorted out for different tested parts.
 - Test parameters can be managed in files on computers.
- Programming test parameters for replacement testers.
 - Test parameters for replacement can be programmed surly and quickly.
- Trial before launching a new production line.

■ Parameter Settings



- ◆ Test parameters can be loaded from the leak tester and edited and saved on a computer.
- ◆ Test parameter on the left side of the screen is editable and those on the right side are the current parameters. The settings can be edited by viewing both.
- ◆ Parameters saved on files can be loaded and edited again.
- ◆ “Basic Parameters”, “All Parameters” and “Custom” screens are available. The parameters to be displayed are selectable for the “Custom” screen.
- ◆ Test parameters of the selected channels can be printed out. A set of test parameters of a channel are printed out on an A4 paper.

Data Acquisition



◆ **Basic operation of Leak Tester can be done on PC**
CH select /START/STOP/CHG HOLD
Available for LS-R900, LS-R902, LS-R910, LS-R700

◆ Data acquisition in Excel format

- Test data are automatically output into Excel files.
- An X-chart is displayed in the Graph spreadsheet, and histograms are displayed in the Standard Deviation spreadsheet.

◆ Data acquisition in CSV format

- Test data is recorded live for CSV format. CSV data acquisition is useful for long-term automatic data collection.
- A new file is automatically created up to three times a day up to every 24 hours depending on the settings.

Waveform Display



◆ Test data are displayed in waveforms live.

◆ Up to two sets of waveforms (e.g. Leak and Test Pressure) can be graphically recorded

◆ Up to three sets of layers of waveforms can be viewed at the same time for comparison.

◆ Waveform data can be saved in files.

◆ Stage symbols such as CHG (Pressurization), BAL2 (Stabilization) and DET (Detection) are also displayed on the waveform display.

◆ Waveforms can be saved as an image which is useful for documentation.

Specifications / Features

PC to be used	Windows running computers - Use an USB-RS232C adapter is required if the computer has no RS-232C port.
Supported OS	Windows XP(SP3), Windows 7, Windows 8.0 / 8.1 /10
Supported Excel version	Excel 2000, Excel 2003, Excel 2007, Excel 2010, Excel 2013, Excel 2019, Microsoft365
Leak tester	LS-R900, LS-R902, LS-R910, LS-R700, LS-1842, LS-1822A, LS-1813
Communication	RS-232C - Baud rate for LS-R900, LS-R902: 9600, 19200, 38400, 57600, 115200 - Baud rate for LS-R700: 9600, 19200, 38400
Communication cable (Sold separately)	RS-232C cross (reverse) cable - Cross (reverse) cable D-sub 9-pin (female)-9-pin (female)
License	A license is assigned per one CD-ROM to which the software is officially supplied. The software must be purchased for the number of computers on which the software will be used. Please consult Cosmo for a license certificate and use of multi-licenses.
Parameter setting feature	Loading leak tester parameters, Editing test parameters, Sending updated test parameters to leak tester, Basic Parameters display, All Parameters display, Custom display, Saving a set of test parameters as a file, Loading saved test parameter files, Custom View setting, Channel Copy (Copy 1, Copy 2), Reloading leak tester parameters, Collation of leak tester parameters and current parameters, Print preview and Print
Data acquisition feature (EXCEL format)	Data acquisition as number, Data acquisition as text, Selecting test data format, Notes (Saved with the data), Start/Stop Air Leak Tester, Graph spreadsheet (X charts), Standard Deviation spreadsheet (Histograms), Recording Data receipt date and time
Data acquisition feature (CSV format)	Selecting test data format, Setting destination folder, Setting file name index, Setting time to create file (Time1, Time2, Time3), REC (record) / PAUSE (pause) / STOP (stop) buttons, Displaying current status, Start/Stop leak tester
Waveform display feature	Live waveform display, Start/Stop Air Leak Tester, Changing graph scale, Layer display (Graph1, Graph2, Graph3), Stop/Resume data receipt with the Pause button, Display of Stage symbols and Stage lines in the waveform display, Saving received test data in Excel, Saving graphs as an image (BMP/PNG/GIF/JPG), Saving and loading data files

Model

PCL-04 PC Link Software 4

Communication cable (Sold separately)

CC-15: 1.5 m communication cable (Sanwa Supply KRS-403XF1K2)
CC-30: 3 m communication cable (Sanwa Supply KRS-403XF3K2)
CC-100: 10 m communication cable (Sanwa Supply KRS-403XF10N)

* The contents are as of September 2020. All information is subject to change without prior notice.

COSMO INSTRUMENTS CO., LTD.

<http://www.cosmo-k.co.jp/>

Head Office
2974-23, Ishikawa, Hachioji, Tokyo, Japan
TEL+81-42-642-1357 FAX +81-42-646-2439

China, Korea, Taiwan, Malaysia, Thailand, Indonesia, Vietnam,
India, Germany, USA, Mexico, Brazil, Australia