

PCAS-200A

PCA Stress Analysis Software

4
-10

SOFTWARE



Report creation and analysis software in accordance with IPC/JEDEC-9704A*

*Evaluation method for printed circuit assembly using strain gages is regulated by IPC/JEDEC-9704A and it is valid for quality evaluation or failure analysis.

- Analyzes KS2 files recorded by our measuring instruments.
- Easy operation
- Outputs the analyzed results in CSV files.

The PCAS-200A is the dedicated software for the KS2 files, recorded by our measuring instruments. The PCAS-200A calculates the max. principal strain, min. principal strain, diagonal strain, strain rate and creates graphs and tables easily.

Others, compare with PCAS-100A, the PCAS-200A has more report types and file processing functions.

Specifications

■ Operating Environment	
OS	Windows® 8.1, Windows® 10 English/Japanese, 32/64 bits support If 64-bit OS, operate in WOW64 (Windows 32-bit On Windows 64-bit) environment.
CPU	Core i5 2 GHz or advanced
Memory	If 32-bit OS, 2 GB or more If 64-bit OS, 4 GB or more
Display	Resolution: 1024x768 pixels or more
■ Input	
File Formats	Kyowa standard file format (KS2)
Applicable Channels	Analog channels only
Number of Channels	Up to 128
Number of Data	Max.18 million data/channel (5 kHz, 1h)
■ Output	
File Formats	KS2 files (Only for PCAS-200A) CSV files Report files
Output Contents	Channel waveforms, analysis waveforms, analysis result lists (CSV files only)
■ Guidance	
Catalog	"Catalog" can search a strain gage for Printed Circuit Assembly Strain Gage Test.
Bonding	"Bonding" describes the method of bonding the strain gage on the printed circuit board. Compliant with IPC/JEDEC-9704A 2012 January.
■ Report	
Report Types	Graphs and tables
Graph-reports	Y-time graphs, strain-rate graphs
Table-reports	Maximum principal strain, minimum principal strain, diagonal strain, strain rate, and angle.
Clipboard	Copies graphs and tables to the clipboard. Allows other application software to use the data.
Printing	Prints out reports.
Report Files	Allows PCR format report files to be saved, read and edited.
Batch Processing	Batch process of multiple files. (Printing report or CSV data)
■ Combining Data	
Number of Combining Files	Max. 10
Number of Combining Channels	Max. 128
Input File Format	Kyowa standard file format KS2
Output File Format	Kyowa standard file format KS2



Software

Easy to create reports



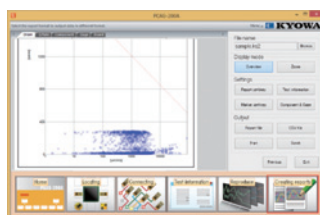
1. Loading data



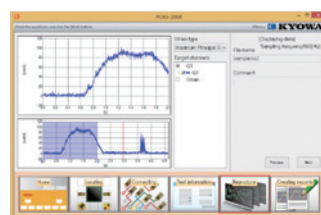
2. Location



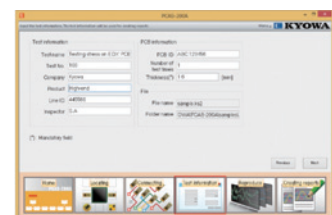
3. Setting target channels.



6. Creating reports



5. Checking graphs



4. Test information