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PCAS-1000B

PCA Stress Measuring Set



Easily evaluate PCB reliability

- Simply follow directions to seamlessly configure equipment, record data, and prepare reports
- Automatically create PCB evaluation reports
- Four-channel measurement per set, 16 channels max

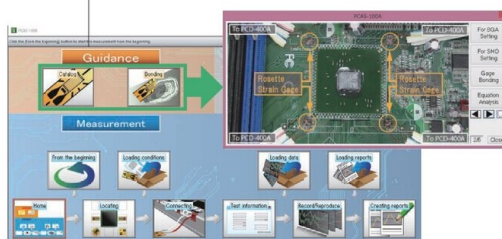
This contains both a measuring instrument and software specialized in measurement in accordance with IPC/JEDEC-9704A*, making it easy to evaluate the reliability of PCBs even if you have never handled a strain gage before.

*IPC/JEDEC-9704A defines a method of evaluating strain when assembling, testing, and using a PCB.

Excessive strain on a PCB can cause breakdown, so this is an effective means of evaluating quality and analyzing breakdown.

Operation Window

The Guidance lets you check kinds of strain gages and a bonding method.



PCAS Series Models

Model	Data Acquisition	Data Analysis	Creating Report	Available Channels	With PCD-400B	Pages
PCAS-100A	Yes	Yes	Yes	16	—	4-9
PCAS-200A	—	Yes	Yes	128	—	4-11
PCAS-1000B	Yes	Yes	Yes	16	Yes	3-39

*For the details of PCD-400B Series, see Chapter 2.

*For the details of UI-55A, see Chapter 5.

Contents



PCA Stress Measuring
Software
PCAS-100A



Sensor Interface
PCD-400B



One-touch Type Input Adapter
UI-55A

*Other accessories include such as AC adapter and a USB cable.

*Strain gages, adhesives and PC are not included.

*If using outside Japan, a separate AC power supply cable will need to be purchased.

Steps of Measurement

Arrange mounted components and strain gages on a virtual PCB. Then the software will determine channels and instrument setting conditions.

You can input test information that will be used for a report, etc.

Press a few buttons, and the software will automatically measure the strain.

Measured data enables you to easily prepare a report. You are also able to obtain the strain rate, which is required by the standard, easily.