

Technical Support
Knowledge Center Open

How can I control the Keysight E5270 series?

Notices

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Contents

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You can control the E5270 series by the following methods.

- FLEX+ (Fast Language for EXecution)

This is a fundamental command syntax to control the E5270 series via GPIB. This is basically compatible with the Keysight 4142B command set so it is easy to use the existing 4142B programs for the E5270 series.

- TIS (Test Instruction Set)

The Test Instruction Set (TIS) is a set of powerful functions that facilitate measurement programming for Keysight E5270. The Keysight E5270 TIS library is available for C language users. Measurement programs that include TIS functions are easier to maintain than programs written solely in the C language.

- VXI Plug&Play driver

For E5270 Series users who prefer a graphical interface for instrument programming, a VXIPlug&Play driver is provided as a convenient alternative to the Keysight FLEX+ syntax. The VXIPlug&Play driver standard is a software development tool available for use in MS Windows 98, NT, and 2000 environments. The driver also supports a wide variety of programming languages such as Visual Basic, C & C++, National Instruments LabView, and Keysight VEE.

- I/CV

I/CV makes all the functionality of the Keysight E5270A and other Keysight instruments accessible from your benchtop PC. Available from Keysight Technologies or Metrics Technology (an Keysight partner), I/CV provides a graphical user interface (GUI) in Microsoft® Windows® 98, Windows NT®, or Windows 2000 environments. I/CV displays the device under test (DUT) as a graphical schematic, which makes parametric tests intuitive and easy by eliminating the need to write complex programs. For maximum flexibility, I/CV supports both the Keysight E5250A and Keithley 707 switching matrices, as well as a wide variety of other instruments (such as the Keysight 4284A LCR meter).

