Program function

This is a function to create and register a series of measurement procedures as a program in advance and perform automatic measurement by itself.

Creating a program is very easy because you can select the command corresponding to the OSA key as if you were actually operating OSA. In addition, commands for loop control, condition judgment, variables, four arithmetic operations, parameter input, screen output, etc. are prepared for advanced programming.

It also supports remote control via ETHERNET or RS232, allowing direct control of external devices such as connected light sources and optical switches. Complex measurements such as repeated measurements while changing external measurement conditions can be easily performed without a PC.

Template function (Pass/Fail judgment)

The template function automatically judges pass / fail by comparing the measured waveform with the preset reference data.

Create and register the template data (upper and lower limit lines) that will serve as the judgment criteria. OSA uses the registered template data to automatically determine whether the measured waveform is within the criteria. The pass / fail judgment result is displayed as "PASS" or "FAIL" on the screen, and can also be acquired by a remote command. For visual inspection, the template can be used to display a reference spectrum as a guide to the measured waveform. Templates can be easily created on OSA or PC, and can be saved and read as CSV format files, so multiple OSAs can share the template.

* All versions unless otherwise specified.