TENNECOMP TP-1347 FUNCTIONAL CONTROL PANEL

Although it is possible to obtain operator communications through the teleprinter keyboard or the computer entry switches, it is highly desirable to have a control panel which is separate from the computer and which is laid out in such a fashion as to simulate the conventional pulse-height analyzer front panel. The TP-1347 was evolved specifically for nuclear pulse-height analysis applications and complements the use of the keyboard, the computer entry switches, and a light pen. The panel is designed with a sufficient number of rotary switches, push buttons, and toggle switches so that most of the standard functions may be controlled entirely from the functional control panel.

The TP-1347 provides switches for input and status lamps for output. Labels are mounted (or printed) on removable slip-over covers so that the switches and lamps may be easily and quickly relabeled when the computer programs are changed.

The panel provides two 5-digit (6 optional) decimal entry switches, 8 snap-action push buttons, 8 toggle switches, four 12-position rotary switches, and 7 panel status lamps. The control panel logic control is compatible with the Digital Equipment Corp. computers and provides 16 instructions for interrogation of the switches and 7 instructions for setting or clearing 7 flip-flops (connected to the status lamps and to an external output plug).