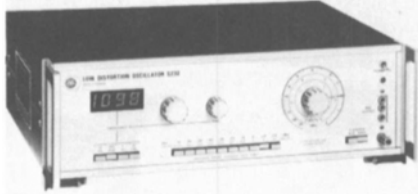
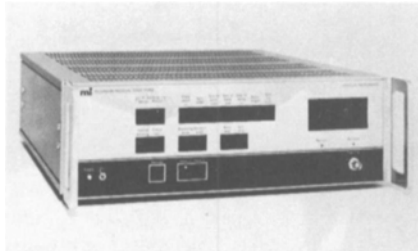


20-MHz, dual trace oscilloscope controlled by TTL logic levels applied to rear panel connectors; the LPC Memory/Control unit containing the CMOS memory and operator control buttons for selecting up to 32 test conditions; the LPC-5813 Input Selector for connecting, under program control, any of eight test signals to the oscilloscope input channels; and the LPC-5812 Programmer used only during initial setup of the production test station. A single test station including programming capabilities is priced at \$5955. Additional test stations are priced at \$3937.



Two new low distortion oscillators, Models G232 and G233, have been announced by Marconi Instruments Division of Marconi Electronics, Inc., 100 Stonehurst Court, Northvale, NJ 07647. The more sophisticated Model G232 (shown above) features a virtually bounce-free oscillator circuit with a high degree of stability. Stepped and variable attenuators provide a precision calibrated output. The stepped attenuator is distributed so that balanced attenuation is provided after the transformer for optimum noise performance. The output frequency is measured by counter and displayed on a 3½-digit readout. Multiplying circuits provide a near-instant display of frequency for lower frequency ranges. Price of the G232 is \$2495.

Model G233 uses a precision Wien bridge oscillator, followed by a sample and hold circuit. The signal output may be varied using a combination of pushbutton and continuous attenuators. Price of the G233 is \$695.



The Television Interval Timer, Model 2920, designed to eliminate subjective waveform-monitor measurements of timing parameters, has been announced by Marconi Instruments, 100 Stonehurst Court, Northvale, NJ 07647. Critical timing measurements can be measured automatically. In the manual mode Model 2920 provides digital readout of each parameter at the touch of a button, but, since all functions may also be controlled remotely, the unit can be readily integrated into a video monitoring and data logging system. Model 2920 can measure a total of 15 different parameters, based on the recommendations made in EIA specification RS170A. Measurements not involving picture information are averaged over a large number of samples to eliminate the effects of noise. For horizontal picture blanking, total vertical blanking interval, and picture start measurements, the Television Interval Timer detects the presence of video at +20 IRE and displays the minimum reading of a

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