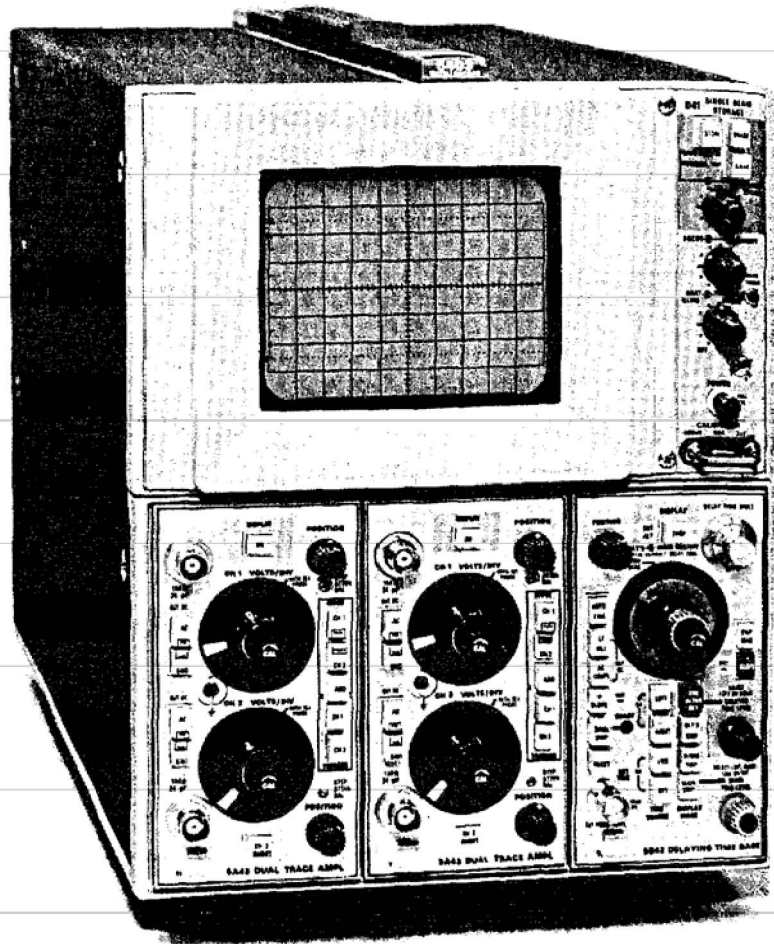
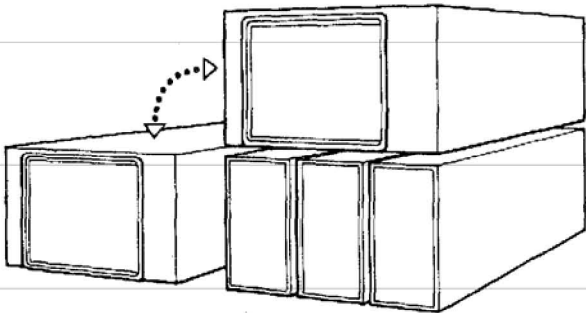


- Low Cost
- Variable Persistence Storage
- Crt Readout
- Dc to 60 MHz
- Three-Plug-In Flexibility
- 21 Versatile Plug-ins
- Bench to Rack Convertibility



With the new 5403/D41 Variable Persistence Storage Oscilloscope, the length of time a waveform persists on the crt is continuously variable simply by turning a dial. Viewing time at normal intensity can be varied from a small fraction of a second to greater than 5 minutes. In the save mode you can view signals for up to an hour at lower intensity.

High speed events that occur only once or at very low repetition rates are easily observed. You can make low frequency measurements easier and more accurately by eliminating flicker or by transforming a slow moving dot into a stable display. Repetitions of the same signal can be compared simultaneously to detect changes in amplitude or phase. The integrating effect of variable persistence can be used to suppress the random noise that obscures low signal-to-noise ratio waveforms.

Capabilities of the 5000 Series Sampler and Spectrum Analyzer plug-ins are enhanced by the 5403/D41 Variable Persistence Storage Oscilloscope. The discrete dot traces produced in sampling applications are converted into a continuous waveform by holding repeated sweeps on the crt. In spectrum analysis, slow scan rates are used to maximize resolution. With the 5403/D41 it is easy to display a full scan pattern simultaneously even when the scan rate yields full scale periods in excess of a second.

As part of the versatile 5400 Series the 5403/D41 offers crt readout of deflection factors for convenient, error-free measurements; user programmable crt readout of test information for ready identification and ease of photographic recording; and the increased flexibility of a 3-plug-in mainframe. With the 21 diverse plug-ins available for the 5403/D41 you can make virtually any measurement from dc to 60 MHz.