HP 5245L Digital Frequency Meter

This 8-digit counter/frequency meter was introduced around the mid sixties. It was all solid-state, excepted for the displays.

The basic counter accepted input signals up to 50 MHz, 100 mV rms minimum, AC or DC coupled. Internal 1 MHz time base with long-term stability better than 0.003 ppm in 24 hours.

The 5245L accepted several plug-ins for time and frequency measurements. In the photo above the counter is shown with a 5257A transfer oscillator which extends the frequency range to 18 GHz.

5245L manual.