Table 1-1. Specifications

Range:
1 μsec to 10^8 sec (Start and stop pulses must be separated by 1 μsec to give useful readings.)

Accuracy:
±1 period of standard frequency counted ± time base accuracy

Registration: On 5245L counter

Input Voltage:
0.3 volt, peak-to-peak, minimum, direct coupled input

Input Impedance:
10K ohms, less than 80 pf, on X.1 and X.2 multiplier positions; constant up to ±40 volts peak times multiplier position

100K ohms times multiplier position on X.3 to X100 positions, less than 40 pf on X.3, and less than 20 pf on X1 to X100; constant up to ±40 volts times multiplier position

Overload:
50 volts rms, or ±150 volts peak on X.1, .2, and .3 multiplier positions is tolerable; 150 volts rms, or ±250 volts peak, on X1 and X3; 250 volts rms, or ±250 volts peak, on X10, 30 and 100

Start Stop:
Independent or common channels

Trigger Slope:
Positive or negative on Start and Stop channels, independently selected

Trigger Amplitude:
Both channels continuously adjustable from -250 volts to +250 volts

Frequency Range of 5262A when used as an input signal discriminator:
0 to 2 mc

Standard Frequency Counted:
10^7 to 1 cps in decades from 5245L, or externally applied frequency

Markers:
Separate output voltage steps, 0.5 volts peak-to-peak from source impedance of approximately 7K ohms, 100 pf; available at rear panel of 5243L with negative step coincident with trigger points on input waveforms for positive slope and positive step coincident for negative slope

Reads In:
μs, ms, sec with measurement units indicated and decimal point positioned

Accessories Furnished:
ℌ AC-16K Cable Assembly, male BNC to male BNC 48 inches long

Net Weight:
2 lb