

- High accuracy frequency measurements to 1.3 GHz
- Frequency Resolution to 0.1Hz
- High input sensitivity
- Large Bright 8 digit LED display With gate time and function indicators
- X10 attenuator
- Measures Frequency, Period and Totalise



B8118

■ SPECIFICATIONS

Frequency Measurement

Input A

Range: 10 Hz to 100MHz
Resolutions: 0.1Hz,
Gate Times: 0.01s to 10s in 4 decades
Accuracy: $\pm$ (Time base error + 1 count)

Input B

Range: 100MHz to 1.3GHz
Best Resolution: 10Hz
Gate Times: 0.01s to 10s in 4 decades
Accuracy: $\pm$ (Time base error + 1 count)

Totalize: Input A

Frequency range: DC to 10MHz
Count Capacity: 0 to 99,999,999 counts
Resolution: 1 count
Minimum Pulse width: 250ns
Accuracy: ± 1 count

Period: Input A

Range: 1.0 μ s to 100ms (10Hz to 1MHz)
Minimum pulse width: 250ns
Resolutions: 100ps, 1ns, 10ns, 100ns
Accuracy: $\pm$ (Time base error + 1 count) + Trigger error

Input Characteristics

Input A

Sensitivity: 50 mV (10Hz to 100Hz)
20mV (100Hz to 100MHz)
Input Impedance: 1M Ω + 30pF capacitance
Attenuator: x1, x10
Coupling: AC
Maximum input volts: 30V rms

Input B

Sensitivity: 15mV (100MHz to 1000MHz)
40mV (1000MHz to 1300MHz)
Input Impedance: 50 Ω
Coupling: AC
Max input Volts: 7V

Time Base

Frequency: 10.00000MHz
Stability: ± 3 PPM per week

General Specifications

AC input Volts: 120V or 220V
Line Frequency: 50/60Hz
Operating temperature: 0 to 40°C (32 to 104°F)
Size: 4.0" (H) x 10.0" (W) x 11.0" (D)
Weight: 3.75 lbs
Accessories: Line cord, Manual, BNC cable

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