

- 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



## ■ 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:  $\pm$ 1 count

#### Period: Input A

Range: 1.0  $\mu$ 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 $\Omega$  + 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 $\Omega$   
Coupling: AC  
Max input Volts: 7V

### Time Base

Frequency: 10.00000MHz  
Stability:  $\pm$ 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