

- Sine, Square, Ramp and Pulse wave forms
- Built-in 2MHz frequency counter
- 7 frequency ranges with 100:1 frequency control
- Less than 0.5% sine wave distortion
- Variable symmetry
- Sweep time from 20ms to 2 seconds
- TTL sync output



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**B8011**

## ■ SPECIFICATIONS

### Output Characteristics

Frequency Range: 0.02Hz to 2MHz

Ranges: 7

Output level:

High: 10Volts into 50Ω

Low: 1V P-P into 50Ω

Waveforms: Sine, Square, Ramp, Pulse

Impedance: 50Ω

DC offset: 5.0V in to 50Ω

### Sine Wave

Distortion: <0.5% from 5Hz to 20KHz

### Triangle

Linearity: >99% to 100KHz

### Square wave

Rise/Fall Time: <100ns (into 50)

### Pulse

Duty Cycles: 20:80 to 80:20 may be obtained

### Sweep

Types: Linear

Sweep time: 2ms to 20s

Sweep width: variable to 100:1

### Frequency Counter

Modes: Internal and external

Measuring Range: 0.005KHz to 2000KHz

No. of digits: 4

Accuracy: 0.01% + 1count

Sensitivity: 100mV rms

Input Impedance: 1MΩ + 25pF

Max input V: 150V DC and AC rms

### General Specifications

Line Voltage: 120/220V, 50/60Hz

Dimensions: 3.1" (H) x 9.0" (W) x 10.4" (D)

Weight: 4.4 lbs

Operating Temperature: 0 to 45°C (32 to 113°F)

Accessories: Manual, Line cord, BNC cable