

Function Generators Models 4001 & 4003

- Generates Sine, Triangle, & Square waveforms
- 0.5Hz to 3MHz
- 20Vp-p output into open circuit (10Vp-p into 50 ohms)
- TTL Output <25nS (model 4001 <30nS)
- Voltage Control Generator (VCG) input
- 100% DC offset
- Model 4003: 5 digit display
- Variable amplitude output plus 20dB attenuator

MAIN OUTPUT

Frequency Range 0.5Hz to 3MHz in 6 Ranges
 Waveforms 6 Waveforms (Sine, Square, Triangle, Ramp, +Pulse, -Pulse)
 Amplitude 20Vp-p in to a Open (10Vp-p in to 50W)
 Attenuator 0dB, -20dB (+2%)
 Output Impedance 50W (+2%)
 DC Offset +10V (pull ADJ.)
 Frequency Adjust Counter Accuracy
 Distortion <1%, 1Hz to 100KHz
 Rise/Fall Time <60nS
 V.C.F. Input 0 to +10V control

SYNC OUTPUT

Rise Time <40nS
 Level >3Vp-p (open)
 Waveforms Square, Pulse
 SWEEP
 Mode Linear/Log Sweep
 Width >100:1 Continuously Variable
 Rate From 10mS to 5S Continuously Variable
 Sweep Output 10Vp-p (open)
 Output Impedance 1KW +2%



Model 4001



Model 4003

| COUNTER | Model 4001 | Model 4003 |
|-----------------|--|---|
| Display | - | 6 digit 0.36 Red LED display with Autorange |
| Gate Time | - | Auto Select (0.25S~10S) |
| Resolution | - | 0.001Hz |
| MODE | - | INT Function Generator/EXT Counter |
| Attenuator | - | 0dB, -26dB (+2%) |
| Accuracy | - | + time Base Accuracy + 1 count |
| Time Base | - | 20MHz (+ 10PPM) |
| Frequency Range | - | 0.2Hz~60MHz |
| Sensitivity | - | 25mVrms at 1MHz |
| Max Input | - | 250Vrms |
| Input Impedance | - | 1MW +2% |
| Power Source | AC 115V/230V +10%, 50/60Hz, 25watt | |
| Dimension | 10.83" x 3.6" x 11.8" (275 x 90 x 300mm) | |
| Net Weight | 4.9lbs. (2.2kg) | 5.5lbs. (2.5kg) |

Specifications Subject to change without notice.