

The MX-9300 is an all-in-one with four functions in one instrument.

**It features a 'Frequency Counter',  
'Function Generator',  
'Digital Multimeter' and  
'Power Supply'**

Is ideal for laboratory, production line and R & D engineer's work bench. With its high accuracy yet simple, easy operation the MX9300 is ideal for both the specialist and hobbyist. Combining a light weight and attractive design it has full overload protection.

### **Frequency Counter**

Range: 1Hz - 100MHz 70MHz - 1GHz  
Sensitivity: 1Hz - 100MHz 15mV rms  
70MHz - 1GHz 25mV rms  
Resolution: 0.1, 1, 10, 100Hz, 1kHz  
Gate Time: 10s, 1s, 100ms, 10ms  
12.8s, 1.28s, 128ms, 12.8ms  
Accuracy:  $\pm(1\text{Hz} + 1\text{dgt} + \text{time base error})$   
Reference Oscillator: Freq. 10MHz, 7.8125MHz Stability 5PPM  
Display: 8 Digit LED with Units Annunciators

### **Digital Multimeter**

3½ Digit LCD Display, Auto/Manual Ranging,  
Basic Accuracy  $\pm(0.5\% + 2\text{dgt})$ , Data Hold Function,  
Memory Mode for Zero Ohms, Input Impedance: 10M  
Measurement: DC Volts: 100V max  
AC Volts: 750v max  
DC Amps: 10A max  
AC Amps: 10A max  
Resistance: 2M max

### **Function Generator**

Output Waveforms: Square, Pulse, Triangle, Skewed Sine, Pulse, TTL Level Square.  
Frequency: 0.02Hz - 2MHz  
Output: 0.1Vpp - 20Vpp  
Linear & Log Sweep: -20ms - 2sec (int), 100:1 (by VCF (ext)).  
Output Impedance: 50W / 600W

### **Power Supply**

3½ Digit LCD Display Readout of Voltage and Current  
Triple Output: 0 - 30V, 3A max  
15V, 1A (Fixed)  
5V, 2A (Fixed)  
Ripple: 2mV max (Variable output)  
2mV (Fixed outputs)  
Load Regulation: 0.01% + 5mV (Variable output)  
<35mV (Fixed Output)

Full Over Current Protection

### **General**

Supply: 110 / 240V Operation  
Power: 120Va with fully loaded PSU  
Size: 375 x 160 x 340mm (W x H x D)  
Weight: 15Kg approx. Humidity: Up to 75%