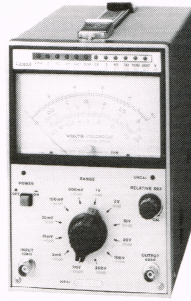


ELECTRONIC METERS

VT-122

ELECTRONIC VOLTMETER

- **Measuring Range**
1 mV ~ 300V F.S
- **Freq. Response**
5 Hz ~ 1 MHz
- **Input Impedance**
10 M Ω , 45 pF (max)



• Voltage measurement range of 1 mV ~ 300V (FS) and measurement frequency range to 5 Hz ~ 1 MHz • Remote range switching is available simply by connecting an optional remote control unit. • The attenuator uses compact relays and FET switches resulting in high reliability and good S/N compared with directly switching instruments • The taut band meter used in the VT-122 is both mechanically and electrically rugged, while maintaining high measurement accuracy • The meter scales are evenly divided for display of rms values for a sinewave input. In addition, dB (dBm) scales for voltage are provided • A relative response function has been provided as a convenience when making dB (dBm) measurements • Dimensions: 128(W) x 190(H) x 225(D) mm; Weight: 2.9 kg

VT-121

ELECTRONIC VOLTMETER

- **Measuring Range**
1 mV ~ 300V F.S
- **Freq. Response**
5 Hz ~ 1 MHz
- **Input Impedance**
10 M Ω , Less than 45 pF



• Voltages can be measured in ranges of 1 mV to 300V full scale over a wide frequency range of 5 Hz to 1 MHz • Indirect attenuator switching with a small-sized relay and FET switch provides higher reliability and signal-to-noise ratio than usual direct method with a rotary switch • Remote range switching is available simply by connecting an optional remote control unit to the VT-121 • New tautband suspension meter that is sturdy electrically and mechanically assures accurate measurements • Meter has linear voltage scale graduated in rms values of a sine wave. Also, it has dB (dBm) scale • Dimensions: 128(W) x 190(H) x 225(D) mm; Weight: 2.9 kg

VT-120

ELECTRONIC VOLTMETER

- **Measuring Range**
300 μ V ~ 100V F.S
- **Freq. Response**
10 Hz ~ 500 kHz
- **Input Impedance**
1 M Ω , Less than 40 pF



• Voltages can be measured in ranges of 300 μ V to 100V full scale over a wide frequency range of 10 Hz to 500 kHz • New taut-band suspension meter that is sturdy both electrically and mechanically assures accurate measurements • Meter has linear voltage scale graduated in rms values of a sine wave. Also, it has dB (dBm) scale • A scope connection is provided for monitoring waveforms under measurement. Can be used as a low-noise, low-distortion, wideband preamplifier • Regulated power supply assures very stable, accurate measurements even when line voltage fluctuates • Dimensions: 140(W) x 200(H) x 235(D) mm; Weight: 3.1 kg

VT-106

ELECTRONIC VOLTMETER

- **Measuring Range**
1 mV ~ 300V F.S
- **Freq. Response**
5 Hz ~ 500 kHz
- **Input Impedance**
1 M Ω , Less than 32 pF



• All solid state circuitry, including ICs, makes the instrument very stable and reduces warmup time • Voltages can be measured in ranges of 1 mV to 300V full scale over a frequency range of 5 Hz to 500 kHz • New taut-band suspension meter that is sturdy both electrically and mechanically assures accurate measurements • Regulated power supply assures very stable, accurate measurements even when line voltage changes • Meter has linear voltage scale graduated in rms values of a sine wave. Also, it has dB and dBm scales in parallel with the voltage scale, convenient provisions particularly in signal-to-noise ratio measurements • Dimensions: 140(W) x 200(H) x 195(D) mm; Weight: 2.7 kg

VT-104

ELECTRONIC VOLTMETER

- **Measuring Range**
10 mV ~ 300V F.S
- **Freq. Response**
5 Hz ~ 500 kHz
- **Input Impedance**
1 M Ω , Less than 32 pF



• All solid state circuitry, including ICs, makes the instrument very stable and needs shorter warmup time • New taut-band suspension meter that is sturdy both electrically and mechanically assures accurate measurements • Voltages can be measured in ranges of 10 mV to 300V full scale over a frequency range of 5 Hz to 500 kHz • Meter has linear voltage scale graduated in rms values of a sine wave. Also, it has dB and dBm scales in parallel with the voltage scale, convenient provisions particularly in signal-to-noise ratio measurement • Dimensions: 140(W) x 200(H) x 195(D) mm; Weight: 2.2 kg

RESISTANCE ATTENUATOR

RA-920

RESISTANCE ATTENUATOR

- **Attenuation Range**
0 ~ 121 dB
- **Freq. Range**
DC ~ 1 MHz
- **Max. Input Level**
+27 dBm, 0.5W or 17V rms



• Attenuation range is as great as 0 to 121 dB with a high resolution of attenuation in 0.1 dB steps • Accurate attenuation of input signal from DC to 1 MHz assures a variety of applications • Phase correction for minimizing phase deviation at high frequencies makes possible application of pulses • Common terminals may be floated off chassis or ground for safe measurements between electronic equipment having different casing potentials, thus eliminating troublesome ground-loop problems • Grounding the common and casing allows more accurate measurements • Dimensions: 335(W) x 105(H) x 87(D) mm; Weight: 2.0 kg