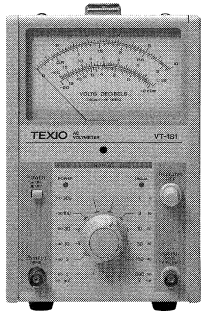
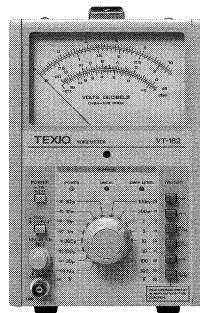


Electronic Voltmeters

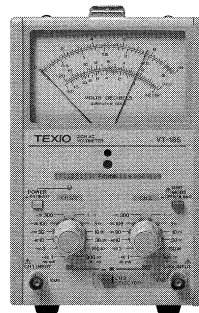
1mV f.s./0.3mVf.s.



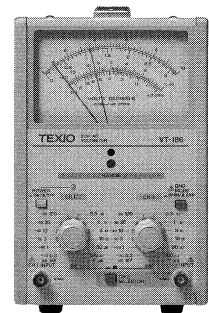
Weighted filters



2-Channel/1mVf.s.



2-Channel/0.3mVf.s.



VT-181/181E

- Measurement range 1mV~300V
12 ranges (300 μ V~100V:VT-181E)
- Accuracy $\pm 3\%$
- Frequency response 5Hz ~ 1MHz
- Input impedance 10M Ω , 43pF
- Relative reference 0 to -10dB

VT-182

- Weighted filters (JIS-A, DIN-NOISE, DIN-AUDIO, CCIR, CCIR-ARM)
- Measuring range 0.01mV ~ 300V, 16 ranges
- Accuracy $\pm 3\%$
- Frequency response 10Hz ~ 500kHz
- Input impedance 1M Ω , 50pF

VT-185

- Measuring range 1mV ~ 300V, 12 ranges
- Accuracy $\pm 3\%$
- Frequency response 5Hz ~ 1MHz
- Input impedance 10M Ω , 50pF
- CH-1, CH-2, linked / independent ranging

VT-186

- Measuring range 0.3mV ~ 100V, 12 ranges
- Accuracy $\pm 3\%$
- Frequency response 5Hz ~ 1MHz
- Input impedance 10M Ω , 50pF
- CH-1,CH-2,linked/independent ranging

VT Series Specifications

Model	VT-181/181E	VT-182	VT-185	VT-186
Voltmeter				
Voltage measurement ranges	Voltage: 1mV to 300V, in 12 ranges *0.3mV to 100V in 12 ranges dB: -80dB to +50dB(0dB=1V) * -90dB to +40dB(0dB=1V) dBm: -80dBm to +52dBm (0dBm=1mW into 600 Ω) * -90dBm to +42dBm (0dBm=1mW into 600 Ω load) *VT-181E	Voltage: 10 μ V to 300V, in 16 ranges (10 μ V/3 μ V/100 μ V/300 μ V) 1mV/3mV/10mV/30mV 100mV/300mV/1V/3V/10V/ 30V/100V/300V full scale dB: -120dB to +50dB(0dB=1V) dBm: -120dBm to +52dBm (0dBm=1mW into 600 Ω load)	Voltage: 1mV to 300V, in 12 ranges (1mV/3mV/10mV/30mV/ 100mV/300mV/1V/3V/10V/ 30V/100V/300V) full scale dB: -80dB to +50dB(0dB=1V) dBm: -80dBm to +52dBm (0dBm=1mW into 600 Ω load)	Voltage: 0.3mV to 100V, in 12 ranges (0.3mV/1mV/3mV/10mV/ 30mV/100mV/0.3V/1V/3V/ 10V/30V/100V) full scale dB: -90dB to +40dB(0dB=1V) dBm: -90dBm to +42dBm (0dBm=1mW into 600 Ω load)
Indication accuracy	full scale $\pm 3\%$ max. (1kHz) level			
Frequency responses (with respect to 1kHz reference)	5Hz to 1MHz : $\pm 10\%$ 10Hz to 500kHz : $\pm 5\%$ 20Hz to 100kHz : $\pm 2\%$	Mean-value detection and rms indication 10 μ V range: 20Hz to 10kHz $\pm 5\%$ 10Hz to 30kHz $\pm 10\%$ 30 μ V to 300 μ V ranges 20Hz to 20kHz $\pm 5\%$ 10Hz to 100kHz $\pm 10\%$ 1mV to 300V ranges 20Hz to 100kHz $\pm 3\%$ 15Hz to 300kHz $\pm 5\%$ 10Hz to 500kHz $\pm 10\%$	5Hz to 1MHz : $\pm 10\%$ 10Hz to 500kHz : $\pm 5\%$ 20Hz to 200kHz : $\pm 3\%$ 30Hz to 100kHz : $\pm 2\%$	5Hz to 1MHz : $\pm 10\%$ 10Hz to 500kHz : $\pm 5\%$ 20Hz to 200kHz : $\pm 3\%$ 30Hz to 100kHz : $\pm 2\%$
Input impedance	10M Ω $\pm 5\%$, 50pF max.	1M Ω $\pm 5\%$, 50pF max.	10M Ω $\pm 5\%$, 45pF max.	
Line voltage	100/120/220/230V AC $\pm 10\%$, (50/60Hz)			
Dimensions (W x H x D)mm Weight (kg)	128(128) x 190(210) x 239(259) Values in () include protrusions. 2.8	128(128) x 190(210) x 285(315) Values in () include protrusions. 4.4	128(128) x 190(210) x 239(269) Values in () include protrusions. 3.1	