

ITEM	VT-126	VT-125
	$30\ \mu\text{V} \sim 300\text{V}$ range: $30\ \text{Hz} \sim 20\ \text{kHz}$ $\pm 5\%$ $20\ \text{Hz} \sim 50\ \text{kHz}$ $\pm 10\%$ $10\ \text{Hz} \sim 100\ \text{kHz}$ $\pm 20\%$	$30\ \mu\text{V} \sim 300\text{V}$ range: $30\ \text{Hz} \sim 20\ \text{kHz}$ $\pm 5\%$ $20\ \text{Hz} \sim 50\ \text{kHz}$ $\pm 10\%$ $10\ \text{Hz} \sim 100\ \text{kHz}$ $\pm 20\%$
Input impedance:	$1\ \text{M}\Omega \pm 5\%$ Parallel capacitance: Less than 50pF	$1\ \text{M}\Omega \pm 5\%$ Parallel capacitance: Less than 50pF
Overload voltage level:	$10\ \mu\text{V} \sim 300\ \mu\text{V}$ range: AC $10\ \text{Vrms}$ DC 500V $1\ \text{mV} \sim 300\text{mV}$ range: AC $80\ \text{Vrms}$ DC + AC peak 500V $1\text{V} \sim 300\text{V}$ range: DC + AC peak 500V	$30\ \mu\text{V} \sim 300\ \mu\text{V}$ range: AC 10Vrms DC 500V $1\ \text{mV} \sim 300\ \text{mV}$ range: AC $80\ \text{Vrms}$ DC + AC peak 500V $1\text{V} \sim 300\text{V}$ range: DC + AC peak 500V
Relative reference adjustment:	$0 \sim \text{approx. } -12\ \text{dB}$	$0 \sim \text{approx. } -12\ \text{dB}$
Over level:	Lights up or flickers when a signal of more than $+15\ \text{dB}$ for maximum value is applied. This indicates that there is a possibility of erroneous indication due to over input when a level weighting filter is used.	Lights up or flickers when a signal of more than $+15\ \text{dB}$ for maximum value is applied. This indicates that there is a possibility of erroneous indication due to over input when a level weighting filter is used.
Residual noise:	Average detection: $10\ \mu\text{V}$ range input shorted Below $1.5\ \mu\text{Vrms}$ ($1.0\ \mu\text{Vrms}$ TYP.) $30\ \mu\text{V}$ range input shorted Below $5\ \mu\text{Vrms}$ ($3.0\ \mu\text{Vrms}$ TYP.)	Average detection: $30\ \mu\text{V}$ range input shorted Below $5\ \mu\text{Vrms}$ ($3.0\ \mu\text{Vrms}$ TYP.)

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	Peak detection: 10 μ V range input shorted Below 2.0 μ Vrms (1.0 μ Vrms TYP.) 30 μ V range input shorted Below 5 μ Vrms (3.0 μ Vrms TYP.)	Peak detection: 30 μ V range input shorted Below 5 μ Vrms (3.0 μ V TYP.)
Power supply regulation:		
Temperature coefficient:	0.08%/°C or less (Minimum 1 mV range)	0.08%/°C or less (Minimum 1mV range)
Operating temperature and humidity for guaranteed specification:	15 ~ 35°C, 80% maximum.	15 ~ 35°C, 80% maximum.
Full operating range:	0 ~ 50°C, 80% maximum.	0 ~ 50°C, 80% maximum.
AMPLIFIER		
AC AMPLIFIER:		
Gain:	Approx. 100 dB	Approx. 90 dB
Output voltage:	1 Vrms $\pm$ 10%	1 Vrms $\pm$ 10%
Output resistance:	600 Ω $\pm$ 10%	600 Ω $\pm$ 10%
Distortion:	Below 1% of fullscale at 1 kHz This distortion is determined by the S/N for the ranges 10 μ V ~ 300 μ V.	Below 1% of fullscale at 1 kHz This distortion is determined by the S/N for the ranges 30 μ V ~ 300 μ V.

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S/N:	With respect to fullscale: 1 mV ~ 300V range: 40 dB minimum 300 μ V range: 30 dB minimum 100 μ V range: 25 dB minimum 30 μ V range: 20 dB minimum 10 μ V range: 16.5 dB minimum	With respect to fullscale: 1 mV ~ 300V range: 40 dB minimum 300 μ V range: 30 dB minimum 100 μ V range: 25 dB minimum 30 μ V range: 20 dB minimum
Frequency response:	1 mV ~ 300V range: 10 Hz ~ 500 kHz within ± 3 dB 30 μ V ~ 300 μ V range: 10 Hz ~ 150 kHz within ± 3 dB 10 μ V range: 10 Hz ~ 30 kHz within ± 3 dB	1 mV ~ 300V range: 10 Hz ~ 500 kHz within ± 3 dB 30 μ V ~ 300 μ V range: 10 Hz ~ 150 kHz within ± 3 dB
DC OUTPUT AMPLIFIER:		
Output voltage:	1V $\pm 10\%$ for fullscale	1V $\pm 10\%$ for fullscale
Output resistance:	600 Ω $\pm 10\%$	600 Ω $\pm 10\%$
Frequency response:	Approx the same as the meter indication.	Approx the same as the meter indication.
POWER SUPPLY SECTION		
Supply voltage:	100/120/220/240VAC $\pm 10\%$ 50/60 Hz	100/120/220/240VAC $\pm 10\%$ 50/60 Hz
Power consumption:	Approx 15W	Approx 15W
Dimensions:	Width 128 mm Height 190 (214) mm Depth 285 (315) mm () dimensions include protrusions from the basic case.	Width 128 mm Height 190 (214) mm Depth 285 (315) mm () dimensions include protrusions from the basic case.