

1. SPECIFICATIONS

Frequency Range	0.002Hz to 2MHz in 8 decade ranges.
Dial Accuracy	± (3% set value + 3% full scale) for 0.02Hz to 200kHz. ± (5% set value + 5% full scale) for 200kHz to 2MHz.
Output Signals	Sine, Triangle, Square, Pulse, Sawtooth, DC, TTL output
Sine Wave Output voltage Distortion Output flatness	20V _{p-p} (approx. 7Vrms) into open circuit Less than 0.5% for 10Hz to 20kHz. Less than 1% for 20kHz to 100kHz. Less than 3% for 100kHz to 2MHz. With ± 0.3dB for 0.02Hz to 2MHz.
Triangle Wave Output voltage Symmetry	20V _{p-p} into open circuit Less than 1% for 0.02Hz to 100kHz.
Sawtooth Wave Output voltage Symmetry	20V _{p-p} into open circuit 15:85 or 85: 15, Fixed
Square Wave Output voltage Symmetry Rise time	20V _{p-p} into open circuit Less than 1% for 0.02Hz to 100kHz. Less than 100ns.
Pulse Wave Output voltage Symmetry	20V _{p-p} into open circuit Continuously variable, 9:1 to 1:9
TTL Output Fan out Output level	20TTL 2.4V to 5V for H. 0V to 0.4V for L.
DC	Any level within ± 10V by DC OFFSET.
DC OFFSET	−10V to + 10V Clipping level for superposed waveform: ±10V.
Sweep Sweep mode Sweep rate Sweep width External sweep control (VCG) Sweep output (H. OUT)	LOG. or LINEAR is selectable. Continuously variable, 20ms (50Hz) to 5s (0.2Hz). Continuously variable, 10:1 to 1000:1 of frequency ratio. 0V to +10V (max. sweep width). This is connected to X-axis of an oscilloscope.

Amplitude Modulation Depth Modulation signal	Continuously variable, 0% to 95% or more. External input. Carrier suppress function is available.
Output Connector Output impedance Attenuators Accuracy	500 Ω $\pm$ 5%. 10dB, 20dB, and 40dB. $\pm$ 1% of set value for less than 200kHz. $\pm$ 2% of set value for 200kHz and above.
Rear Panel Connector VCG IN GCV OUT MOD IN H. OUT TTL OUT	External frequency control input, maximum control at 0V to +10V, approx. 10k Ω of input impedance. Frequency control voltage output, approx. 0V to +5V for a dial tuning, approx. 1.5k Ω of output impedance. AM modulation input, optimum input voltage 0.3Vrms, approx. 10k Ω of input impedance. X-axis signal for oscilloscope in sweep operation, 0V to +1V sawtooth wave, approx. 1k Ω of output impedance. TTL level output. Fan out: 20TTL.
Size and Weight	250mm (W) X 125mm (H) X 250mm (D), 4kg. approx.
Power Supply	100V, 120V, 220V, 240VAC 50/60Hz, 20VA
Accessories	A connection cable LC-2048 (BNC 50 Ω). 1 ea. Spare fuse 1 ea. Circuit protection fuse 1 ea. Instruction manual 1 ea.
Optional accessory	Terminator LT-2049 50 Ω (Separately available).