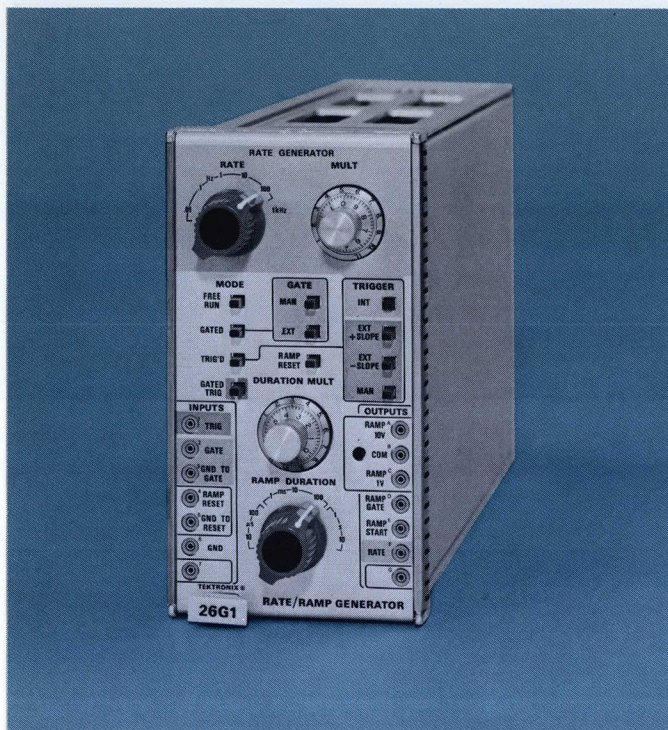


26G1 Rate/Ramp Generator

26G2 Ramp Generator

MODULAR SIGNAL SYSTEMS 2600 SERIES



- 0.01 Hz to 11 kHz CONTINUOUSLY CALIBRATED RATES (26G1 Only)
- 10 μ s to 110 s CONTINUOUSLY CALIBRATED RAMPs
- FREE-RUN, GATED and TRIGGERED RAMP MODEs

The 26G1 and 26G2 Generators produce a ramp voltage well suited to analog timing applications such as delayed triggering of pulse generators. The ramp can be triggered or gated, or both. In the 26G1 the ramp can be triggered externally, manually, or from its rate generator; the 26G2 does not have the rate generator and can be triggered externally or manually.

All front panel connections are duplicated at the rear connector for interconnecting with other modules via the main-frame.

RATE GENERATOR (26G1 Only)

Repetition Rate—Continuously calibrated from 0.01 Hz to 11 kHz.

Output—Amplitude, +3 V within 20%; pulse width, 1.5 μ s within 30%; risetime, 100 ns or less. Output resistance is approximately 50 Ω .

RAMP GENERATOR

Ramp Duration—Continuously calibrated from 10 μ s to 110 s.

Output Indicator—Indicates ramp in progress or has just occurred.

MODEs

Free Run—Provides successive ramps.

Gated—Successive ramps are generated for the duration of gate signal. Last ramp is not terminated at end of gate. Internal connector permits gate to also control rate generator.

Triggered—One ramp cycle is generated for each trigger.

Gated Triggered—Allows ramp to be generated by triggers only during the time a gate signal is present.



Ramp Reset—Terminates ramp and resets circuitry for generation of new ramp (locks out ramp until released).

INPUTs

Trigger—Requires at least 1 V to generate ramp. Positive or negative slope is selectable.

Gate—Ramp generated while gate is elevated to at least 1 V (26G1 and/or rate generator with internal jumper).

Ground to Gate—Closure to ground provides ramp gating.

Ramp Reset—Ramp is reset upon receipt of at least 1 V signal.

Ground to Reset—Closure to ground initiates ramp reset.

Ground—Provides reference ground (as opposed to high current or shield ground).

Spare—No internal connection. May be wired for specific signal input or output. Connected through to rear connector.

OUTPUTs

Ramp, 10 V—Provides 10 V ramp into at least 3 k Ω .

Common—Reference ground for ramp outputs.

Ramp, 1 V—Provides 1 V ramp with 50 Ω output resistance.

Ramp Gate—Provides +3 V signal during ramp generation.

Ramp Start—Provides +3 V pulse coincident with start of ramp.

Spare—No internal connection. May be wired for specific signal input or output. Connected through to rear connector.

WEIGHTs

Net weight	1 3/4 lb	0.8 kg
Domestic shipping weight	\approx 5 lb	\approx 2.3 kg
Export-packed weight	\approx 12 lb	\approx 5.4 kg

INCLUDED STANDARD ACCESSORIES

2 two-inch patch cords (012-0200-00); 2 six-inch patch cords (012-0201-00); 12-inch patch cord (012-0202-00); instruction manual (070-1065-00—26G1, 070-1066-00—26G2).

26G1 RATE/RAMP GENERATOR	\$430
26G2 RAMP GENERATOR	\$300

U.S. Sales Prices FOB Beaverton, Oregon
Please refer to General Information page