

The 2600 Series is a modular, instrumentation system of signal generators and signal conditioners. Plug-In Modules permit a building block approach to specialized systems.

The system is presently of the following components, described fully on the following pages:

2601 Mainframe provides power for, and interconnection between, up to six plug-in units.

26G1 Ramp/Rate Generator provides ramps of variable duration at a variable rate.

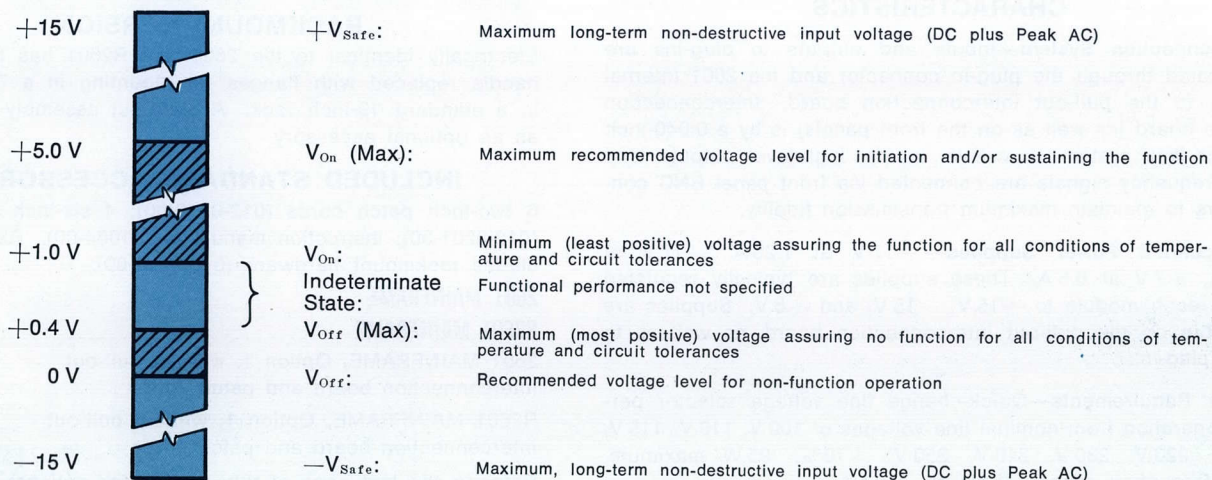
26G2 Ramp Generator provides voltage ramps of variable duration at a rate determined by an external source.

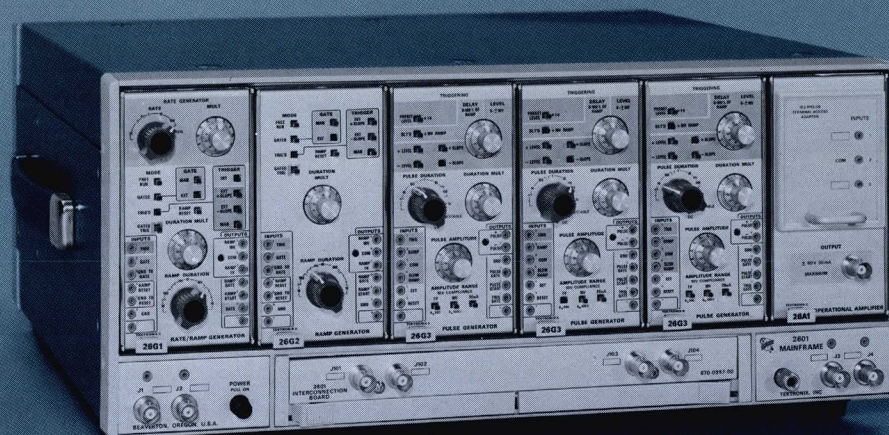
26G3 Pulse Generator provides current or voltage pulses of variable duration and amplitude when externally triggered.

26A1 Operational Amplifier is easily adapted for many uses, including processing signals generated by other plug-ins.

The interconnection system stresses flexibility and ease of set-up change. The plug-in unit front-panel pin connectors are duplicated at the rear connector, permitting interconnection through the pull-out interconnection board system. Spare connectors, lines, and power sources are available in anticipation of future and specialized requirements.

The characteristics of the input and output signals maintain compatibility not only with each other, but with other units such as the 7000 Series, 4501, 601, 602, 611, etc. Where applicable, inputs and outputs from the units are fully compatible with commercial logic such as DTL, TTL, etc. Refer to the chart below for logic level ranges.





- POWERS UP TO SIX PLUG-IN UNITS
- PULL-OUT INTERCONNECTION BOARD
- REAR PANEL INPUT/OUTPUT CONNECTORS

The 2601 Mainframe is a power supply and interconnection system for 2600-Series plug-in units. Its electronically-preregulated power supplies require no fan or vent holes for cooling. Further regulation, when necessary, takes place in each individual plug-in unit, thus enhancing the overall system accuracy.

Interconnection between the six plug-ins and the front- and rear-panel connectors can be made on the pull-out interconnection board, which improves appearance, reduces accidental removal, and improves control accessibility. It also allows each plug-in to be removed without interference. Additional boards may be ordered to permit different interconnection formats to suit various requirements.

CHARACTERISTICS

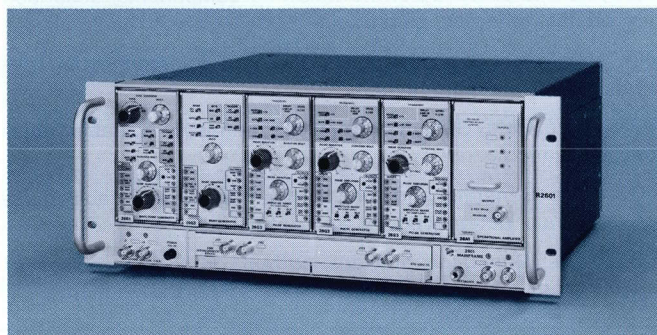
Interconnection System—Inputs and outputs to plug-ins are duplicated through the plug-in connector and the 2601 internal wiring to the pull-out interconnection board. Interconnection on the board (as well as on the front panels) is by a 0.040-inch pin-and-jack system. Low-level inputs, high-level outputs, and high-frequency signals are connected via front panel BNC connectors to maintain maximum transmission fidelity.

Preregulated Power Supplies—+17 V at 1.25 A, -17 V at 1.25 A, +7 V at 6.5 A. These supplies are typically regulated within each module to +15 V, -15 V, and +5 V. Supplies are available on the pull-out interconnection board, as well as to each plug-in.

Power Requirements—Quick-change line voltage selector permits operation from nominal line voltages of 100 V, 110 V, 115 V, 127 V, 220 V, 230 V, 240 V, 250 V; $\pm 10\%$. 95 W maximum. Line frequency range, 48 Hz to 440 Hz.

DIMENSIONS AND WEIGHTS

	2601		R2601	
	in	cm	in	cm
Height	7 7/8	20.1	7	17.9
Width	17 5/8	44.8	19	48.4
Depth	16 1/2	42.0	15 1/2	39.5
	lb	kg	lb	kg
Net weight	22 1/4	10.1	23	10.4
Domestic shipping weight	≈34	≈15.4	≈35	≈15.9
Export-packed weight	≈41	≈18.6	≈42	≈19



RACKMOUNT VERSION

Electrically identical to the 2601, the R2601 has the feet and handle replaced with flanges for mounting in a 7-inch space in a standard 19-inch rack. A slide-out assembly is available as an optional accessory.

INCLUDED STANDARD ACCESSORIES

6 two-inch patch cords (012-0200-00); 4 six-inch patch cords (012-0201-00); instruction manual (070-1064-00). R2601 also includes rackmount hardware (016-0164-00).

2601 MAINFRAME \$495

R2601 MAINFRAME \$495

2601 MAINFRAME, Option 1, without pull-out interconnection board and patch cords \$450

R2601 MAINFRAME, Option 1, without pull-out interconnection board and patch cords \$450

Refer to the last page of this section for optional accessories.

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