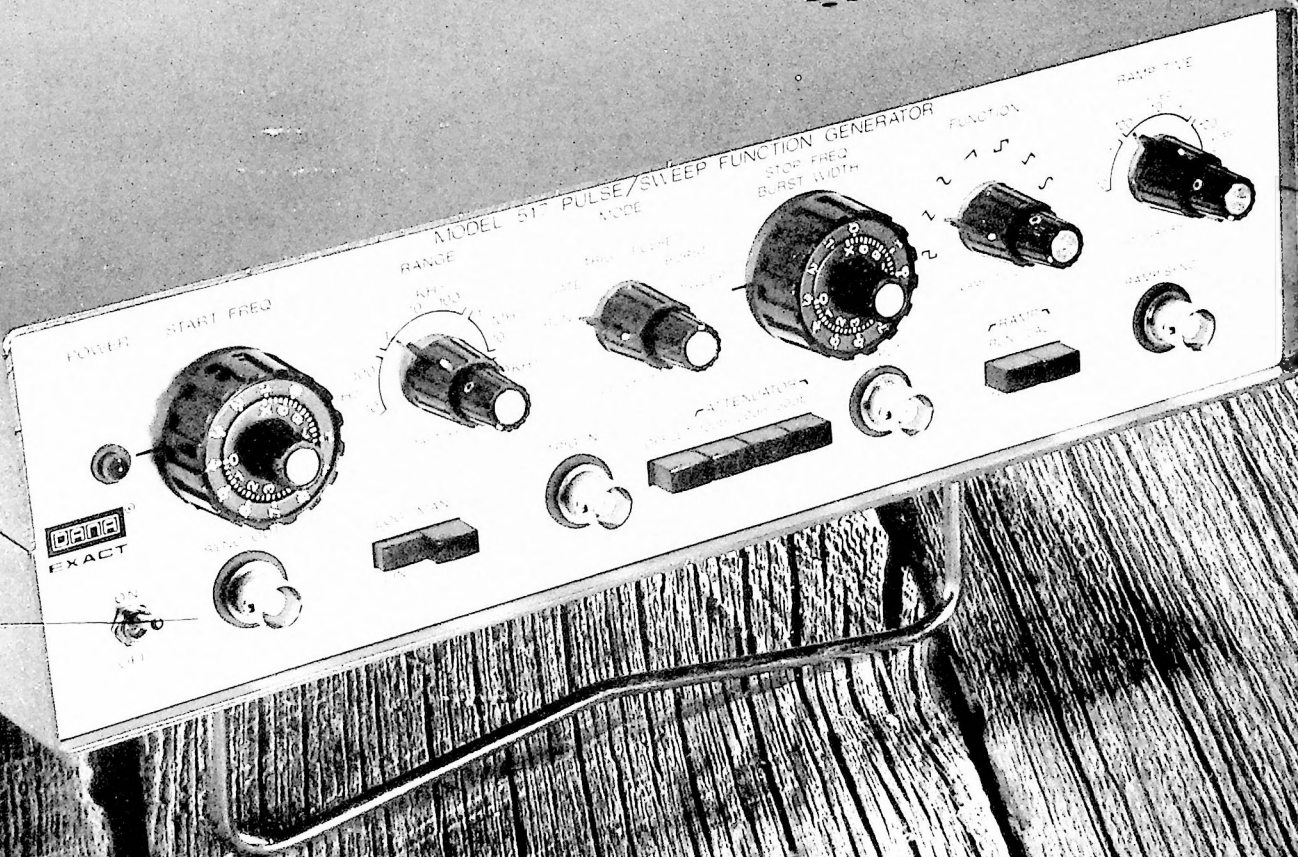


**DANA**<sup>®</sup>  
**EXACT**



MODEL 51 PULSE/SWEEP FUNCTION GENERATOR

POWER START FREQ

1000  
500  
250  
100  
50  
25  
10  
5  
2  
1  
0.5  
0.25  
0.1  
0.05  
0.025  
0.01  
0.005  
0.0025  
0.001

RANGE

1000  
500  
250  
100  
50  
25  
10  
5  
2  
1  
0.5  
0.25  
0.1  
0.05  
0.025  
0.01  
0.005  
0.0025  
0.001

MODE

STOP FREQ BURST WIDTH

FUNCTION

1000  
500  
250  
100  
50  
25  
10  
5  
2  
1  
0.5  
0.25  
0.1  
0.05  
0.025  
0.01  
0.005  
0.0025  
0.001

RAMP TIME

1000  
500  
250  
100  
50  
25  
10  
5  
2  
1  
0.5  
0.25  
0.1  
0.05  
0.025  
0.01  
0.005  
0.0025  
0.001

**DANA**  
**EXACT**

ANTENNA

REAR PANEL

**190 Series**

**Function Generators**

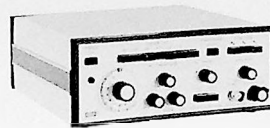
**NEW**



**MODEL 192**

- Sine, Square, Triangle, Ramp, Pulse
- 20V p-p open circuit 10V p-p into 50Ω
- 70db attenuation 20db steps 30db variable
- TTL pulse output
- 0.1Hz to 1MHz
- Voltage Controlled Frequency 1000:1 (externally or manually)
- Variable time symmetry (ramp and pulse operation)
- Variable DC offset
- Floating output

**NEW**



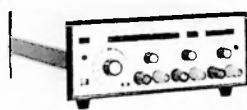
**MODEL 196A**

- Sine, Square, Triangle, Ramp, Pulse
- 20V p-p open circuit 10V p-p into 50Ω
- 70db attenuation 20db steps 30db variable
- TTL pulse output
- 0.1Hz to 1MHz
- Internal sweep generator
- Adjustable sweep width to 1000:1
- Auxiliary sweep (ramp) output
- Sweep sync output
- Floating output



**MODEL 190**

- Sine, Square, Triangle, Ramp, Pulse
- 0.1Hz to 1MHz • 20V p-p open circuit 10V p-p into 600Ω • TTL pulse output
- Voltage Controlled Frequency 1000:1 (externally or manually) • Variable DC offset • Variable time symmetry (ramp and pulse operation) • Floating output



**MODEL 191**

- Same features as Model 190 plus
- Battery powered by internal 12V battery pack • Complete with charger for AC or DC operation • Connection for external 12V source such as automobile battery • Visual battery condition meter • Charging indicator shows charging condition and when fully charged • Up to 8 hrs operation on a fully charged battery



**MODEL 195**

- Low cost • Battery powered (9V transistor battery) • Sine, Square, Triangle • 2 Hz to 200KHz • 1V RMS open circuit (high output) 10mv RMS open circuit (low output) (600Ω output impedance) • Internal sweep generator • 3 fixed sweep rates 25 sec/250 msec/2.5 msec • Linear or logarithmic sweep (internal or external) • Sweep 20Hz to 20KHz in one range • Optional 9V Ni-CAD rechargeable battery with wall mounted charger

**For information, please contact:**

<p>Arabian Gulf—Alhagery Trading and Contracting Co. Ltd. P.O. Box 4771, Kuwait</p> <p>Argentina—Coasin, S.A., Virrey Del Pino 4071, Buenos Aires 52-3185/51-9363</p> <p>Australia—Jacoby Mitchell Ltd., P.O. Box 2009, North Parramatta, NSW 2151, 630-7400</p> <p>Austria—International Engineering Service, Veitingergasse, 159-161, P.O. Box 30, 1133 Vienna, 829366</p> <p>Belgium—MCR Electronics, Marketing, 64, Avenue Reine Astrid, B-1410 Waterloo</p> <p>Brazil—Costel Ltda., Rue da Consolacao, 867 Conj. 31-3, Andar. 01301-5, Paulo, 257-3535</p> <p>Denmark—ScMetric A/S, Skodborgvej 305, DK 2850, Naerum, 01-804200</p> <p>East Africa—Engineering and Sales Co. Ltd., P.O. Box 46658, Nairobi, Kenya, 26815-26386</p> <p>Ecuador—Sumiastros Tecnicos Ltda., P.O. Box 259-4492, Guayaquil, 301419/302484</p> <p>England—Dana Electronics, Ltd., Collingdon Street, Luton Bedfordshire, 052-24236</p> <p>Finland—FinMetric OY, Ahertajantie 6D, SF-02100 ESPOO 10, 46-08-44</p> <p>France—Dana Electronics France, s.a. 91 Route des Gardes, 92190 Meudon Bellevue, Paris</p> <p>Germany—Danalab GmbH, Riedstrasse 8C, D-6100 Darmstadt, 06151-65054/55/56</p> <p>Greece—American Technical Enterprises, 7 Tositza, P.O. Box 156, Athens 148, 819-470</p>	<p>Hong Kong BCC—Delightful Co., 1422 Star House, Salisbury Rd., Kowloon, K 676156/K 676968</p> <p>India—Industrial Agencies, 111 Mahatma Gandhi Rd., Bombay 400 006 250741</p> <p>Iran—Berkeh Co. Ltd., 20, Salm Rd., Roosevelt Ave., Tehran, 828294, 831564</p> <p>Iraq—Abdul Masih E. Jwaideh, 85 Saadun Street, Bagdad</p> <p>Israel—Given Agencies, 105 Hahasmonaim St., Tel-Aviv 67011, 265-122</p> <p>Italy—Electronucleonica spa, Piazza de Angeli 7, 20146, Milano, 4982451</p> <p>Japan—Toyo Trading Co. Ltd., P.O. Box 5014, International Tokyo, 279-0771</p> <p>Korea—Dong Il Commerce and Co. Ltd., International P.O. Box 1202, Seoul</p> <p>Lebanon—Projects, P.O. Box 5281, Beirut</p> <p>Mexico—Distimex, S.A., av. San Antonio 319-101, Apartado 60-506, Mexico 18DF, 516-06-42</p> <p>Netherlands—SIMAC Electronics b.v., Eindhovenseweg 58, Steensel (Neth.) (04970)-2011</p> <p>New Zealand—W and K, McLean Ltd., P.O. Box 3097 Auckland 587-037</p> <p>New Zealand—W and K, McLean Ltd., G.P.O. 496, Wellington 1</p> <p>Norway—Metric AS, P.B. 80, Bekkelagshgd, Kongsveien 91, Oslo, 02-282624</p> <p>Pakistan—Pakland Corp., Central Commercial Area, Karachi 29, 417315</p> <p>Peru—Imparciones Y Representaciones Electronicas, S.A., Avda. Franklin D. Roosevelt 105, (Edificio Rimac), Lima 1, 27-2076</p>	<p>Portugal—Equipamentos de Laboratorio (Nos), Rue Pedro Nunes 47, (P.O. Box 1100) 976551, Lisbon</p> <p>Rep. of China—Heighten Trading Co. Ltd., P.O. Box 1408, Taipei, Taiwan 100, 518324-518372-517517</p> <p>South Africa—Associated Electronics Pty Ltd., P.O. Box 31094, Braamfontein, Johannesburg, 724-5395</p> <p>Spain—Atajo Ingenieros S.A., Enrique Larrea 10Y12, Madrid 16, 2153543</p> <p>Sweden—Scandia Metric AB, Fack 3-171, 19, Solna 1, 08-820410</p> <p>Switzerland—W. Stolz AG, Industrievertretungen, 218, Bellikonstrasse, CH 8968, Mutschellen, 05754655</p> <p>Turkey—M. Suheyli Erkman Necatiboy Cad. 207, Karakoy, Istanbul, 44-15-46/44-76-51</p> <p>Thailand—Saeng Thong Radio L.P., 199/5 Phayathai Rd., Pathumwan Circle, Bangkok 5, 57395/57414</p> <p>Yugoslavia—Belram S.A. Electronics, 83 av. des Mimosas, Brussels, Belgium, 7342619</p> <p>East Block—Amtest Associates, P.O. Box 55, Addlestone, Surrey K15 1 DV, England, Weybridge 48890</p> <p>Other Countries—Dana Electronics International s.a., 191/121, Rue Anatole France, 1030 Brussels, Belgium 02-241-4550</p>
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**510 Series**

**Low Cost 10MHz Function Generators**

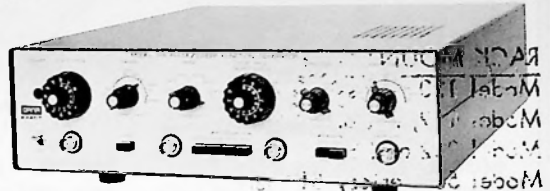
**NEW**



**MODEL 513**

- Low Cost
- Sine, Square, Triangle
- 0.001Hz to 11MHz dynamic frequency range
- Frequency multiplier - 10 turn type resolution
- Voltage Controlled Frequency 1000:1 manually or externally
- 20Hz to 20KHz range for audio use
- 20V p-p open circuit 10V p-p into 50Ω
- Variable DC offset
- External offset capability
- 80db attenuation 10db steps 20db variable
- Floating output provision
- Sync output

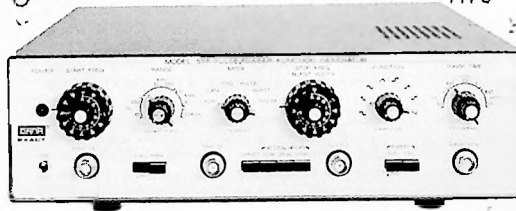
**NEW**



**MODEL 516**

- Low cost
- Sine, Square, Triangle, -Sine, -Square, Triangle, Ramp, -Ramp
- 0.001Hz to 11MHz dynamic frequency range
- Voltage Controlled Frequency, 1000:1 manually or externally
- 20Hz to 20KHz audio frequency range
- Frequency Multiplier - 10 turn type resolution
- Internal sweep generator 100Sec to 10μsec, continuously variable
- Select sweep start and stop frequency accurately
- Ramp Cal capability allows stop frequency measurement
- Gate and trigger mode externally or manually
- Variable start - stop phase
- Pulse and burst modes internal
- Variable width and repetition rate pulses
- Variable DC offset
- 80db attenuation 10db steps 20db variable
- Sync output
- Floating output

**NEW**



**MODEL 517**

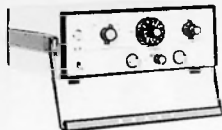
- Low cost
- Sine, Square, Triangle, -Sine, -Square, -Triangle, Ramp, -Ramp
- 0.001Hz to 11MHz dynamic frequency range
- Voltage Controlled Frequency, 1000:1 manually or externally
- 20Hz to 20KHz audio frequency range
- Frequency Multiplier - 10 turn type resolution
- Internal sweep generator 100Sec to 10μsec, continuously variable
- Select sweep start and stop frequency accurately
- Linear and logarithmic sweep
- Ramp Cal capability - allows stop frequency measurement
- Gate and trigger mode externally or manually
- Variable start - stop phase
- Pulse and burst modes internal
- Variable width and repetition rate pulses
- Variable DC offset
- 80db attenuation 10db steps 20db variable
- Sync output
- Floating output



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## 120 Series

## 3 & 5MHz Function Generators



### MODEL 120

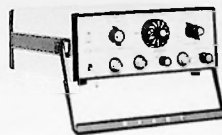
- Sine, Square, Triangle and Sync pulse
- 0.1Hz to 3MHz • Frequency Multiplier — 10 turn type resolution • 1000:1 frequency control (manually) • 20V p-p open circuit 10V p-p into 50Ω • Variable DC offset • Floating output provision



### MODEL 122

Same features as Model 120 plus

- 80db attenuation 10db steps 20db variable • Switch selectable 50Ω or balanced 600Ω output • 20KHz range for sweeping 20Hz to 20KHz • Voltage Controlled Frequency 1000:1 (external or manually)



### MODEL 123

Same features as Model 120 plus

- Voltage Controlled Frequency 1000:1 (external or manually) • 60db attenuation 20db steps 20db variable

## Internal Sweep/Dual Generators



### MODEL 124

- Sine, Square, Triangle, Pos. pulse, Neg. pulse, Pos. square, Neg. square, Pos. sine, Neg. sine, Sync, Pulse/burst/sweep triangle • Dual output amplifiers (norm & inv) • 0.1Hz to 5MHz • Frequency Multiplier - 10 turn type resolution • Voltage Controlled Frequency; internal, external, or manual sweep 1000:1 • Internal pulse/burst/sweep generator (1Hz to 1MHz) • 20 V p-p open circuit 10V p-p into 50Ω • Variable DC offset • 80db attenuation 10db steps 20db variable • Pulse generator - variable width and repetition rate • Tone burst generator • Gate/trigger mode internal or external • Floating output provision

### MODEL 125

Same features as Model 124 PLUS

- Linear and logarithmic sweep capability 1000:1 (internal or external) • 20KHz range for sweeping 20Hz to 20KHz



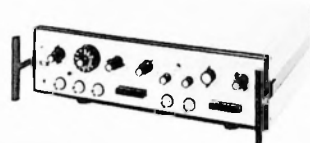
### MODEL 126

- Sine, Square, Triangle, Ramp and Pulse
- 0.1Hz to 3MHz • Pulse generator—variable width and repetition rate • Tone burst generator • Internal sweep generator 100sec to 10μsec • Gate/Trigger (internal or external) • Variable phase start/stop • Variable DC offset • Sweep 1000:1, internal, external or manually (up or down) • Sweep width control • 60db attenuation 20db steps 20db variable • Frequency Multiplier - 10 turn type resolution • 20V p-p open circuit 10V p-p into 50Ω • Floating output provision

### MODEL 127

Same features as Model 126 plus:

- Digital dial frequency control for direct thumbwheel setting of frequency



### MODEL 129

- Sine, Square, Triangle, Pos pulse, Neg pulse, Pos sine • 0.1Hz to 5MHz • AM generator • FM generator 1000:1 internal, external or manually • Simultaneous AM/FM • Internal AM/FM source 1Hz to 1MHz • Pulse generator—variable width and repetition rate • Tone burst generator (internal or external) • Gate/trigger (internal or external) • Variable DC offset • 80db attenuation 10db steps 20db variable useable to 120db (10μV into 50Ω) in AM mode • Floating output provision • External carrier and AM inputs • FSK (frequency shift keying) • 20V p-p open circuit 10V p-p into 50Ω

### MODEL 128

Same features as Model 126 plus:

- Linear or logarithmic sweep 1000:1 (internal or external) • 20KHz range for sweeping 20Hz to 20KHz in one range • Internal ramp hold and reset capability • Voltage proportional to frequency output



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## 7000 Series

## Function Generators

### 20MHz



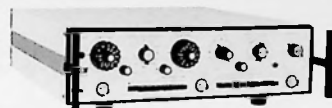
#### MODEL 7230

- Sine, Square, Triangle, Ramp, Pulse
- 0.0001Hz to 20MHz • Variable symmetry control all waveforms • Voltage controlled frequency 1000:1 (externally or manually) • 80db attenuation 10db steps 20db variable • 30V p-p open circuit, 15V p-p into 50Ω • Variable DC offset • Frequency Multiplier — 10 turn type resolution



#### MODEL 7260

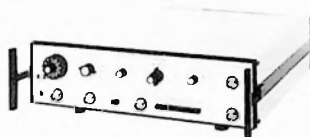
- Same features as Model 7230 plus
- Internal sweep generator 1000sec to 100ns • Select start and stop frequency accurately up to 1000:1 sweep range • Pulse generator variable width and repetition rates • Gate and trigger mode (internal, external or manually) • Pulse and burst mode (internal, external or manually) • Variable phase start stop • 20V p-p open circuit, 10V p-p into 50Ω



#### MODEL 7271

- Same features as Model 7260 plus
- 30V p-p open circuit, 15V p-p into 50Ω • Linear and logarithmic sweep • 20 Hz to 20KHz range • Ramp hold allows sweep to be held at both start and stop • Gated sweep allows completion of last cycle when sweeping • Gate and sweep simultaneously (no output until external or manual gate is applied)

### 10 MHz



#### MODEL 7030

- Sine, Square, Triangle, Ramp, Pulse, ±Sine, ±Triangle, ±Square, ±Ramp, ±Pulse • 0.0001Hz to 11MHz • Variable symmetry control all waveforms • Voltage controlled frequency 1000:1 (externally or manually) • 80db attenuation 10db steps 20db variable • 30V p-p open circuit, 15V p-p into 50Ω • Variable DC offset • Frequency Multiplier — 10 turn type resolution



#### MODEL 7056

- Same features as Model 7030 plus
- Gate and trigger mode (externally or manually) • Amplitude modulation (AM) external input • Phase lock (0 to 360°) • 0 to 100% modulation (adjustable) • Suppressed carrier and double side-band capability



#### MODEL 7059

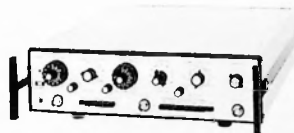
- Internal sweep generator • 0.0001Hz to 11MHz Frequency range • Pulse generator pulse widths from 1000 sec to 100 nsec • 1000:1 sweep capability • 80db attenuation with 10db steps and 20db variable • V:f (Voltage proportional to frequency) output • Variable phase, start/stop • 10 turn type resolution controls for Start Frequency, Stop Frequency, and Ramp-Pulse Width Multiplier • Search mode for manually sweeping over three decades • Floating output • ±15V of DC Offset • 50Ω output for pulse applications (15V p-p, 30V p-p open circuit)

### NEW



#### MODEL 7050

- Gate and trigger mode (externally or manually) • Sine, Square, Triangle, Ramp, Pulse, ±Sine, ±Triangle, ±Square, ±Ramp, ±Pulse • 0.0001Hz to 11MHz • Variable symmetry control • Voltage controlled frequency 1000:1 (externally or manually) • 80db attenuation 10db steps 20db variable • 30V p-p open circuit, 15V p-p into 50Ω • Variable DC offset • Frequency Multiplier — 10 turn type resolution



#### MODEL 7060

- Same features as Model 7030 plus
- Internal sweep/pulse generator 1000sec to 100ns • Select start and stop frequency accurately up to 1000:1 sweep range • Pulse generator variable width and repetition rates • Gate and trigger mode (internal, external or manually) • Pulse and burst mode (internal, external or manually) • Variable phase start stop

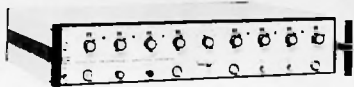


#### MODEL 7071

- Same features as Model 7060 plus
- Linear and logarithmic sweep • 20Hz to 20KHz range • Ramp hold allows sweep to be held at start or stop • Gated sweep allows completion of last cycle when sweeping • Gate and sweep simultaneously (no output until external or manual gate is applied)



## 600 Series



### MODEL 605

- Programmable waveform generator
- Front panel or remote programming
- Sine, Square, Triangle, Ramp, Pulse
- 0.001Hz to 1MHz • 1mv p-p to 9.99V p-p into 50Ω • 0.5msec programming time
- BCD programming • Programming — TTL, DTL, and contact closure compatible
- Trigger and gate modes
- Voltage controlled frequency 1000:1
- 1.66MHz and 15.99V p-p (remote only)

## Programmable Function Generators

### MODEL 606

- Remote programmable waveform generator (No front panel controls)
- Sine, Square, Triangle, Ramp, Pulse • 0.001 Hz to 1MHz • 1mv p-p to 9.99V p-p into 50Ω • 0.5msec programming time
- BCD programming • Programming — TTL, DTL, and contact closure compatible
- Trigger and gate modes • Voltage controlled frequency 1000:1 • 1.66MHz and 15.99V p-p (remote only)

### MODEL 67

#### INTERFACE ASSEMBLY

- Computer programming of Model 605 and 606
- Compatible with HP (400 series) and similar computers
- Designed for multiple generator installations without modification
- Compatible with other programmable test equipment
- Everything included from card to software

## 330 Series



### MODEL 336

- For Materials Testing Systems use
- Digitally synthesized Sine, Square, Triangle, Haversine, and Ramp waveforms
- 0.00001Hz to 1KHz dynamic frequency range • 500,000 Sec to 0.0005 Sec Ramp timing
- Dual rate ramp with adjustable break point, and adjustable hold time. Unit will also "Reset after Hold"
- Four start points 0°, 90°, 180°, 270°
- Gate, Trigger, Peak hold, and Fast reset
- 20V p-p open circuit 10V p-p into 50Ω
- All inputs and outputs conveniently located on rear panel for systems use

## Digitally Synthesized Generators



### MODEL 337

- Digital, variable phase generator
- 0.00001Hz to 50KHz • Frequency multiplier - 10 turn type resolution
- 20V p-p open circuit, 10V p-p into 50Ω
- Sine, Square, Triangle, Ramp
- Digital synthesis of all waveforms
- 0.2° phase lead setability from 0.0° to 359.8°
- Hold feature on all waveforms
- Gate and trigger modes
- Variable DC offset
- 80db attenuation 10db steps 20db variable



### MODEL 180

- Pos ramp, Neg ramp, Pos triangle, Neg triangle
- Dual ramp generator
- Raster generator with ± composite blanking signal
- 1000sec to 1μsec ramp time
- Variable fall time
- Delay generator
- Gate/trigger (internal or external)
- 5V peak into 50Ω
- Pulse and burst modes (internal or external)
- Indicator lights for duration of ramp
- 80db attenuation 10db steps 20db variable
- Variable DC offset
- Select pos or neg ramp
- Select long or short sync pulse
- Floating output provision



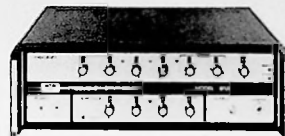
### MODEL 170

- 100V p-p output
- ½ amp output current capability
- 50Ω and 600Ω output
- DC coupled throughout
- Slewing rate 70V/μsec
- 200KHz full power bandwidth
- 50V p-p into 50Ω
- Short circuit protected
- Miniature size

## 800 Series



**NEW**



### MODEL 801

- 1Hz to 20MHz (0.01Hz optional)
- 0.001% frequency accuracy
- 3 digits with 100% overrange fully synthesized plus 1 digit and potentiometer for vernier mode
- Range switching for constant dial resolution over extremely broad range
- Vernier mode produces resolution of 1ppm
- Frequency sweep over vernier range
- 10ppm stability
- Amplitude control 0dbm to +13dbm into 50Ω (223 to 1 Vrms)
- Optional BCD or ASCII frequency programming
- External frequency standard input
- Plug-in card construction

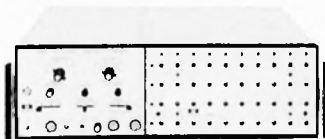
### ASCII Programming

Models 801 & 802 have the option of programming remotely through the use of the bit parallel byte serial 16 wire system. This system is compatible with the standard ASCII Busline systems as used by Tektronix & Hewlett-Packard.

### MODEL 802

- 1Hz to 20MHz (0.01Hz optional)
- 0.001% frequency accuracy
- Range switching for constant dial resolution over extremely broad range
- 3 digits with 100% overrange, fully synthesized plus 1 digit and potentiometer for vernier mode
- 10ppm stability
- Vernier mode produces resolution of 1ppm
- Frequency sweep over vernier range
- External frequency standard input
- 4 digits of amplitude control for resolution of 0.01db (levelled output)
- Amplitude range -69.99dbm to +26.99dbm (50μV to 5Vrms) into 50Ω
- Optional BCD or ASCII frequency and amplitude programming

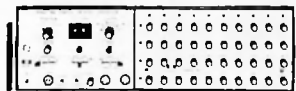
## 200 Series



### MODEL 201

- Complex waveform synthesizer • Digital and analog waveforms • Unlimited output waveform capability • 1μsec to 1sec per increment (40 increments) • Variable width and variable slope • 20V p-p open circuit 10V p-p into 50Ω • 60db attenuation 20db steps 20db variable • Variable DC offset • Gate and trigger modes • 40 variable width clock pulses • Requires Model 20 or 21 programmer

## Waveform Synthesizers



### MODEL 202

- Complex waveform synthesizer • Digital and analog waveforms • Unlimited output waveform capability • 1μsec to 1sec per increment (40 increments) • Variable width and variable slope • 20V p-p open circuit 10V p-p into 50Ω • 60db attenuation 20db steps 20db variable • Variable DC offset • Gate and trigger modes • Cycle length switch (select 0 thru 40 increments/cycle) • Up to 40 variable width clock pulses • Requires Model 20 or 21 programmer

### MODEL 20 Programmer

- 40 single turn (knob controlled) potentiometers • Readout lamps show increment selected

### MODEL 21 Programmer

- 40 high resolution 10 turn (screwdriver adjust) potentiometers • Readout lamps show increment selected



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# Instrument Comparison Chart

Model	Frequency	Maximum Output Amplitude	Waveforms	Gate Trig	VCF	Int Sweep	Var DC Offset	Var Sym	Remarks	
120 122 123	0.1Hz-3MHz	10V P-P, 50Ω 20V P-P, OPEN	●●●				±10V		50Ω and 600Ω Bal	
124 125	0.1Hz-5MHz		●●●	●	●	●				VCF Gen
126 127 128	0.1Hz-3MHz		●●●	●	●	●		●		Dual Generator
			●●●	●	●	●		●		Lin/Log Dual Gen
			●●●	●	●	●		●	Opt	Dual Generator
			●●●	●	●	●		●		Digital Freq. Dial
129	0.1Hz-5MHz		●●●	●	●	●			RampHold-Lin/Log	
170	DC-200KHz	50V P-P, 50Ω 100V P-P, OPEN	X5 Amplifier—50Ω and 600Ω Output							
180	1000 SEC-1μSEC	5V P, 50Ω 10V P, OPEN	●	●	●			●	Dual Ramp	
190 191 192	0.1Hz-1MHz	10V P-P, 600Ω 20V P-P, OPEN 10V P-P, 50Ω	●●●	●	●		±10V	●	Variable DC offset	
			●●●	●	●			●	Battery Powered	
			●●●	●	●			●	50Ω Output	
195	2Hz-200KHz	1V RMS, OPEN	●●●		●	●			Battery Powered	
196 A	0.1Hz-1MHz	10V P-P, 50Ω 20V P-P, OPEN	●●●	●	●		±10V	●	Dual Generator 50Ω Output	
201 202	1 SEC-1μSEC/STEP	10V P-P, 50Ω 20V P-P, OPEN	Infinite Waveform Synthesizer— Requires programmer (see catalog)							40 Steps (Fixed) 0-40 Steps Sel.
336	0.00001Hz-1KHz	10V P-P, 50Ω	●●●	●	●				Materials Testing Generator Dual Slope Ramp	
337	0.00001Hz-50KHz	20V P-P, OPEN	●●●	●	●		±10V		Var. Phase	
513 516 517	0.01Hz-11MHz	10V P-P, 50Ω 20V P-P, OPEN	●●●	●	●		±10V		Low cost 11MHz Dual Generator Log Swp, 11MHz	
605 606	0.001Hz-1.66MHz	15.99V P-P, 50Ω	●●●	●	●			Programmable	Programmable Remote only	
801 802	0.01Hz-20MHz	1V RMS, 50Ω 5V RMS, 50Ω	Frequency Synthesizer .001% frequency accuracy							10ppm stability BCD or ASCII
7030 7050 7056 7059 7060 7071	0.0001Hz-11MHz	15V P-P, 50Ω 30V P-P, OPEN	●●●	●	●		±15V	●	11MHz Gate Trigger AM/Phase Lock Calib. Pulse Control	
			●●●	●	●				Dual Generator	
			●●●	●	●			Opt	RampHold-Lin/Log	
7230			●●●	●	●			●	20MHz	
7260	0.0001Hz-20MHz	10V p-p, 50Ω	●●●	●	●		±10V		Dual Generator	
7271		15V p-p, 50Ω	●●●	●	●		±15V		RampHold-Lin/Log	

OPTIONS:  
Check with Exact's Local representative in your area or contact Exact electronics for information and prices of options for each instrument.



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