

B&K Precision offers a full-range of function generators so you can choose the generator best suited for your own activity or applications. The line consists of a variety of high performance generators including function, sweep/function, RF, and audio. All are rugged lab-grade instruments capable of satisfying a variety of engineering, testing, and service situations. Each has been engineered for high-reliability and user operating convenience.

BK PRECISION 2MHZ AND 5MHZ FUNCTION GENERATORS

Features:

- Sine, square, triangle, pulse, and ramp output
- Variable DC offset
- Variable duty cycle
- Two year warranty

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-4010A	4010A	A	2MHz	259.00
615-4011A	4011A	B	5MHz	335.00
615-4012A	4012A	B	5MHz Sweep w/Display	375.00

BK PRECISION 4MHZ SWEEP FUNCTION GENERATORS

Features:

- TTL output <25nS (model 615-4003)
- TTL output <30nS (model 615-4001)
- Voltage control generator (VCG) input
- 100% DC offset
- 5 digit display (model 615-4003)
- Variable amplitude output plus 20dB attenuator
- One year warranty

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-4003A	4003A	C	4MHz w/ 5 Digit Display	273.52

BK PRECISION 10MHZ SWEEP FUNCTION GENERATOR

Features:

- 0.1Hz-10MHz
- Linear and log sweep
- 5 digit LED display
- Sine, square, triangle, pulse, & ramp output
- Coarse and fine tuning
- Variable duty cycle
- Variable DC offset
- Two year warranty

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-4017A	4017A	D	Sweep	419.00

BK PRECISION 12MHZ SWEEP FUNCTION GENERATOR

The model 4013DDS is a versatile sweep function generator utilizing an advanced direct digital synthesis (DDS) design. The unit generates superb quality waveforms with high signal precision and stability. It provides sine and square wave outputs over the frequency range from 0.1 Hz to 12 MHz in one extended range (triangle/ramped wave outputs to 1MHz).



Features:

- 12MHz Frequency Range (sine & square only)
- Sine, Square, Triangle
- Lin or Log Sweep Function
- Adjustable Duty Cycle
- Adjustable DC Offset

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-4013DDS	4013DDS	E	Sweep	499.00

BK PRECISION 20MHZ FUNCTION GENERATOR W/ DISPLAY

The model 4045 DDS Function Generator is a must have for anyone needing a low cost, full featured direct digital synthesis (DDS) function generator with arbitrary waveform capabilities. The 4045 has a menu-driven front panel interface that includes a large, easy-to-read graphical LCD display. Waveform parameter changes and data entry can be made using the rotary knob or via the built-in RS-232C interfaces. The unit generates superb quality waveforms with high signal precision and stability. It provides sine & square wave outputs over the frequency range from 0.1 Hz to 20 MHz in one extended range (triangle/ramped wave outputs to 2MHz). Arbitrary waveforms can be edited from scratch or by modifying standard waveforms. A full range of triggering capabilities is available, including internal-external trigger source, gated and burst modes of operation.



Features:

- 20MHz Frequency Range (sine & square only)
- Sine, Square, Triangle & Arbitrary Waveforms
- Clean, precise DDS waveform generation
- Modulation in both AM & FM
- Lin or Log Sweep Function
- Adjustable Duty Cycle
- Adjustable DC Offset
- Bright Informative LCD
- RS-232C Interface

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-4045	4045	F	With Display	999.00

BK PRECISION 20MHZ SWEEP FUNCTION GENERATOR WITH FREQUENCY COUNTER

Features:

- 0.2Hz to 20MHz
- Sine, square, triangle, pulse, & ramp output
- Coarse and fine tuning
- AM & FM modulation
- External frequency counter to 30MHz
- Burst operation
- 5 digit LED display
- Linear and log sweep
- Variable duty cycle
- Variable DC offset
- Two year warranty

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-4040A	4040A	G	20MHz Sweep	650.00

Accessories

615-LC-40	LC-40	-	Case	87.52
------------------	-------	---	------	-------

BK PRECISION PROGRAMMABLE AND ARBITRARY FUNCTION GENERATORS

Laboratory grade synthesized function generators. Direct digital synthesis (DDS) techniques are used to create stable, accurate output signals for all 27 built-in standard and complex (arbitrary) waveforms. The generators produce high purity, low distortion sine waves and provides a full suite of analog modulation capabilities including AM, FM, FSK, PSK, pulse modulation, burst mode and linear/logarithmic sweep combined with multiple trigger modes. The versatility and capabilities make it an ideal tool for many general-purpose test and bench applications or for use in Training and Education.

Common Features:

- Clean and stable output of very small signals down to the 1mV to 10mV range (50 ohm)
- Support of internal and external modulation sources as well as internal, external and gated trigger sources
- Convenient data input via numeric keypad or knob.
- Adjust modulation parameters precisely and over a wide range
- Fully programmable via the standard RS232 interface using SCPI compatible commands.
- 100 MHz Universal Counter with frequency measurement and totalize function

Model 4084

Features:

- Frequency range of 1µHz to 20MHz for sine and square



MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-4084	4084	H	Programmable	925.00

Model 4086

Features:

- Frequency range of 1µHz to 80MHz for sine and up to 40 MHz for square



615-4086	4086	H	Programmable	1375.00
-----------------	------	---	--------------	---------

Model 4087

Features:

- Frequency range of 1µHz to 120MHz for sine and up to 40 MHz for square



615-4087	4087	H	Programmable	1650.00
-----------------	------	---	--------------	---------

BK PRECISION ARBITRARY WAVEFORM FUNCTION GENERATORS

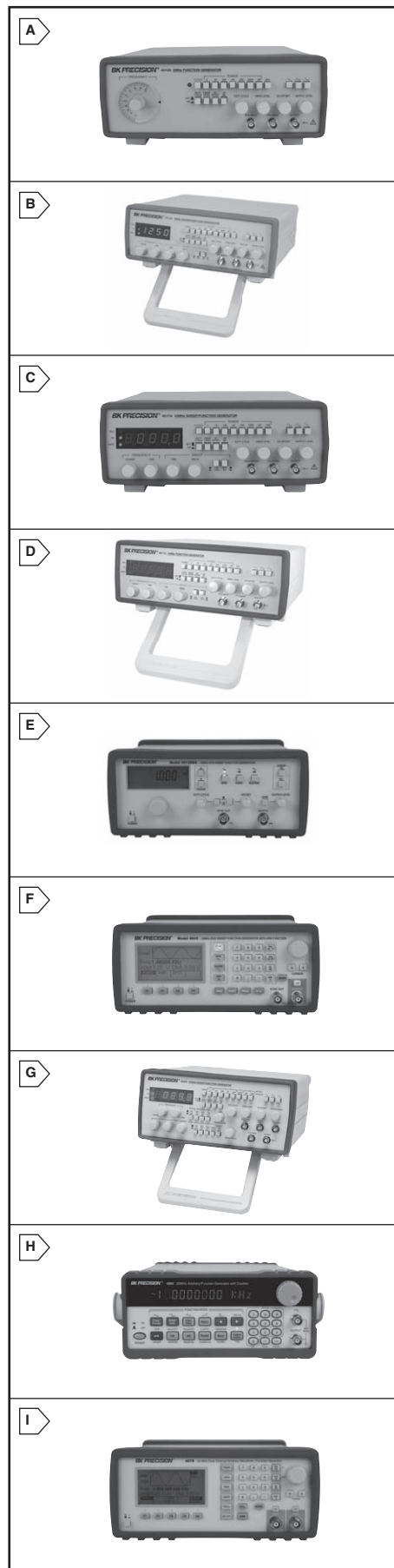
Model 4079

Features:

- 14-bit, 125 MSA/s, 4 M point Arbitrary Waveform Generator
- 50MHz Sine / 50MHz Square waveforms
- Predefined Pulse, Ramp, Triangle, Noise, Sin (X)/X, Exponential and Gaussian waveforms
- Both channels offer full functionality. All wave form parameters such as frequency, amplitude and offset can be set independently
- Synchronize both output signals to the same clock signal (external or internal) and precisely adjust the phase relationship between the two signals
- Large graphical LCD shows a detailed output waveform representation
- Economical baseband I/Q signal source
- Saves cost and bench space
- AM, FM and FSK modulation
- 10 mVpp to 10 Vpp into 50 ohms
- Fully programmable markers
- Fully protected output
- Closed case calibration
- Arbitrary waveform editing software included
- SCPI compliant command set
- GPIB and RS-232 Interfaces (standard)



MOUSER STOCK NO.	BK Precision Part No.	Fig.	Description	Price Each
615-4079	4079	I	Arbitrary Waveform	3250.00



B&K Precision Test Equipment