

B&K PRECISION Test Equipment



BK PRECISION FUNCTION GENERATORS

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.

2MHz Function Generator

B&K Part Number 4010A

Features:

- 0.2Hz-2MHz in 7 ranges
- Sine, square, triangle, pulse, and ramp output
- Variable duty cycle
- Variable DC offset
- Variable amplitude output plus 20dB attenuator
- 20Vpp output into open circuit (10Vpp into 50Ω)
- Two year warranty



615-4010A	259.00
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4MHz Sweep Function Generators

B&K Part Number 4001 & 4003

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



615-4001	4MHz with Dial	208.87
615-4003A	4MHz with 5 Digit Display	273.52

5MHz Function Generator with Digital Display

B&K Part Number 4011A

Features:

- 0.5Hz-5MHz
- Sine, square, triangle, pulse, and ramp output
- Coarse and fine tuning
- 4 digit LED display
- Variable duty cycle
- Variable DC offset
- Two year warranty



MOUSER STOCK NO.	Description	Price Each
615-4011A	Function Generator	333.19
615-4012A	Sweep Function Generator	375.00

10MHz Sweep/Function Generator

B&K Part Number 4017A

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.	Description	Price Each
615-4017A	- - -	419.00

20MHz Sweep Function Generator with Frequency Counter

B&K Part Number 4040A

Features:

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



MOUSER STOCK NO.	Description	Price Each
615-4040A	- - -	646.50

Function Generator Accessories

B&K Part Number LC-40

MOUSER STOCK NO.	Description	Price Each
615-LC-40	Function Generator Case	87.52

BK PRECISION DC POWER SUPPLIES

Programmable Switching DC Power Supplies

The 1696, 1697, & 1698 Programmable Switching DC Power Supplies use new switching technologies to offer more power at a lower cost than traditional linear power supplies. The RS 232 interface allows you to either remotely control the power supply or program a sequence of different voltages and current limits that can be used in a automated test application.

Features:

- RS 232 interface
- Data logging capability
- Output disable
- Over voltage protection
- Constant voltage operation
- Constant current operation (current limiting)
- Easy-to-use
- Large easy to read LCD displays
- RS 232 to RS 485 Adapter required for RS 485 applications



MOUSER STOCK NO.	Description	Price Each
615-1696	1-20VDC, 0-9.99A	350.00
615-1697	1-40VDC, 0-5A	330.00
615-1698	1-60VDC, 3.3A	348.11

Professional Single Output Programmable DC Power Supplies

The 9120 series are single output programmable power supplies with built-in RS232 and SCPI language compatibility. They were designed to meet the needs of today's applications in R&D design verification, university labs, production testing and other applications that require clean/reliable power and excellent performance.

Features:

- 10mV & 1mA Display Resolution
- Over-voltage protection and remote sensing
- Excellent regulation and very low noise
- SCPI compatible
- RS232 Interface
- Fast Transient Response Time
- Closed Case Calibration
- Output terminals are banana style (not binding posts)



615-9120A	0-30V, 0-3A	709.00
615-9121A	0-20V, 0-5A	715.00
615-9122A	0-60V, 0-2.5A	739.00
615-9123A	0-30V/5A	799.00
615-9124	0-72V, 0-1.2A	711.15

Programmable DC Power Supplies

Models 1785B, 1786B, 1787B & 1788 are Programmable DC Power Supplies that offer new levels of "ease of use" & programmable functionality. Direct key in entry makes voltage and current selection fast, accurate and easy. In case calibration allows for simple, cost savings, uninterrupted operation.

Features:

- Sixteen user programmable preset outputs
- Controllable Output On/Off Switch
- 10mV/10mA setability resolution
- Closed case calibration
- Low ripple and noise
- Excellent temperature stability
- Serial interface cable and software included



MOUSER STOCK NO.	Description	Price Each
615-1785B	0-18V, 0-5A	390.00
615-1786B	0-32V, 0-3A	390.00
615-1787B	0-72V, 0-1.5A	390.00
615-1788	0-32V, 0-6A	522.17
615-IT-E131	RS 232 Interface Cable	43.76
615-IT-E132	USB Interface Cable	49.00
615-IT-E151	Rack Mount Kit	74.59

3-15VDC, 40A Switching Digital Power Supply

B&K Part Number 1692

Features:

- Lightweight and compact
- High efficiency
- Current fold back circuitry with illuminated indicator prevents overloading the power supply
- Over temperature protection circuitry
- Over voltage protection prevents abnormal high output voltage
- High RFI stability
- Variable output 3V to 15V at 40A



615-1692	- - -	319.00
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Triple Output Programmable DC Power Supply

The 9130 is a fully programmable triple output DC Power Supply delivering 0-30V/0-3A on 2 outputs and 0-5V/0-3A on 1 output. Each output is fully floating and outputs can be adjusted independently or connected in series or parallel to produce higher voltages or currents. The 9130 is ideally suited for applications in Electronic Test, Production and Service, where multiple independent DC supplies are required and bench space is at a premium.

Features:

- 3 independent, fully programmable and electrically isolated outputs
- Display and adjust Voltage and Current settings for all 3 channels simultaneously
- Flexible output configuration: Operate in series or parallel tracking mode
- SCPI compatible command set; Communicate via USB interface using the included USB to TTL Serial Converter cable
- RS232 interface cable, converting from RS232 to TTL, is optional (order IT-131)
- OVP (Over Voltage) and OTP (Over Temperature) protection
- Output on/off control
- Excellent stability and regulation
- Very compact foot print(rack mountable 2U X 1/2U)
- Application Software for front panel emulation and simple test sequence generation included
- 50 memory locations for instrument state storage & recall



615-9130	- - -	895.00
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