



B&K MODEL 1249B NTSC GENERATOR WITH RGB

NTSC colour bar pattern, $\pm 5^\circ$ and ± 5 IEEE units. CH 3, CH 4, and IF outputs crystal controlled. Calibrated 1Vp-p or variable composite video output. RGB outputs on BNC or 9-pin D connector. Composite sync, vertical sync, and horizontal sync outputs. Interlaced or progressive scan.

Cat. No.	Net Price
1249B	\$740.98



B&K MODEL 1045B TELEPHONE PRODUCT TESTER

The B&K Precision Model 1045B provides positive proof of telephone operation. Provides basic operation test for corded and cordless telephones, answering machines and automatic dialers. Checks line and handset cord for continuity, shorts and intermittents. Verifies number dialed or redialed (pulse or touch tone). Verifies that voice and DTMF levels are above minimum required level. Provides low and normal ring test. An easy-to-follow instruction card is provided with the tester. Power requirements: 100, 120, 220, 240 50/60 Hz. Dimensions: 3.7" x 9.6" x 11.0". Weight: 2 kg.

Cat. No.	Net Price
1045B	\$779.35



B&K MODEL 4010A 2 MHz FUNCTION GENERATOR

Features: 0.2 Hz to 2 MHz. Sine, Square, Triangle, Pulse, TTL output, CMOS output and Ramp output. Variable duty cycle. Frequency range: 0.2 Hz to 2 MHz in 7 ranges. Output impedance: $50\Omega \pm 10\%$. Attenuation: $-20\text{ dB} \pm 1\text{ dB}$. Distortion: 4% typical at 1kHz. Rise time: $\leq 50\text{ nS}$. Duty cycle: 50% typical. VCG (voltage controlled generator) input voltage: 0-10V $\pm 1\text{V}$ causes a 100:1 frequency change. Power requirements: 120/230VAC + 10%, 50/60 Hz, internal jumper selectable. Dimensions: 3 3/8" H x 10 3/8" W x 11 1/16" D. Comes complete with output cable, BNC to alligator clips and instruction manual. Two year warranty.

Cat. No.	Net Price
4010A	\$319.27



B&K MODEL 4017A 10 MHz SWEEP/FUNCTION GENERATOR WITH DIGITAL DISPLAY

Features: 0.1 Hz to 10 MHz. Sine, Square, Triangle, Pulse, TTL output. CMOS output and Ramp output. Linear and log sweep. 5 digit LED display. Frequency range: 0.1 Hz to 10 MHz in 8 ranges. Variable duty cycle. Output impedance: $50\Omega \pm 10\%$. Rise time: $\leq 50\text{ nS}$. Duty cycle: 50% typical. VCG (voltage controlled generator) input voltage: 0-10V $\pm 1\text{V}$ causes a 100:1 frequency change. Sweep output: 0 to 10V. Power requirements 120/230 VAC $\pm 10\%$, 50/60 Hz, internal jumper. Dimensions: 3 3/8" H x 10 3/8" W x 11 1/16" D. Comes complete with output cable, BNC to alligator clips, and instruction manual. Two year warranty.

Cat. No.	Net Price
4017A	\$509.53



BK RF GENERATOR

FEATURES: 100 KHz to 150 MHz on 6 bands for aligning all types of communication equipment. Step and variable attenuation. Solid state circuitry. Includes BNC to insulated clips input cable, detachable power cord, instruction manual.
SPECIFICATIONS: Output: Frequency range 100 KHz to 150 MHz. Internal modulation: Frequency 1 kHz. Power required: 120/220/240 V $\pm 10\%$, 50/60Hz.

Cat. No.	Net Price
2005B	\$342.91



B&K MODEL 4011A 5 MHz FUNCTION GENERATOR WITH DIGITAL DISPLAY

Features: 0.5 Hz to 5 MHz. Sine, Square, Triangle, Pulse, TTL output, CMOS output and Ramp output. Coarse and fine tuning. 4 digit LED display. Variable duty cycle. Variable DC offset. Frequency range: 0.5 Hz to 5MHz in 7 ranges. Output impedance: $50\Omega \pm 10\%$. Attenuation: $-20\text{ dB} \pm 1\text{ dB}$. Sine wave distortion: 3% typical @ 1kHz. Rise time: $\leq 50\text{ nS}$. Duty cycle: 50% typical. VCG (voltage controlled generator) input voltage: 0-10V $\pm 1\text{V}$ causes a 100:1 frequency change. Power requirements: 120/230VAC + 10%, 50/60 Hz, selectable. Dimensions: 3 3/8" H x 10 3/8" W x 11 1/16" D. Comes complete with output cable, BNC to alligator clips and instruction manual. Two year warranty.

Cat. No.	Net Price
4011A	\$402.26



MODEL GSP-827 (9kHz~2.7GHz) SPECTRUM ANALYZER

FEATURES: Superior performance: Frequency range: 9kHz~2.7GHz. Input range: -105dBm~+20dBm. Average noise floor: -140dBm/Hz. Power measurements: ACP/OCBW/CH power. Split window: simultaneous measurements in two separate frequency spans. RBW: 3kHz, 300kHz, 4MHz. Power source: AC100 -24V, 48-63Hz. **Portable:** Light weight at 4.5kg and compact size. Weight: 330W x 170H x 340D. AC/DC battery operation. 100 trace/state memories with date/time stamp and file name. **Easy-To-Use:** 10 markers: delta mode, peak search, peak track. Trace function: dual-trace display, peak hold, freeze, average, trace math. Limit line: upper/lower limit with pass/fail test. Trigger function: video/external. Clock/calendar: time/date stamp in saved data. Wide range of external reference clock: 64k, 1M...19.2M. Accessories: Instruction manual and power cord.

Cat. No.	Net Price
GSP-827	\$7425.00



MODEL GSP-810 (150kHz~1GHz) SPECTRUM ANALYZER

FEATURES: Frequency range: 150kHz~1GHz. Fully digital phase locked loop technique design. High frequency stability: ± 10 ppm. High resolution of span to measure the more detailed signal: zero, 2kHz~100MHz/div. RBW: 3k, 30k, 220k, 4MHz. High input protection level: +30dBm, ± 25 VDC. Reference level range: -30dBm~+20dBm. Good noise floor performance: -95dBm @ 30Hz, -100dB typical over -150Bm/Hz typical @ 220Hz and 4MHz RBW. Spurious noise: <-60dB. Intermodulation (3rd): <-70dBc. Two markers for absolute and relative measurement. Functions: max. hold, average (2~32 traces), freeze, peak search marker to center functions. 9 memories of save/recall. RS-323C interface and software to get trace from GSp-810 to PC. Options: Power meter, tracking generator, remote control software. **SPECIFICATIONS:** Power source: AC100V/120V/220V/230V $\pm 10\%$, 50/60Hz. Dimensions: 310W x 150H x 455D. Weight: 8.5kg. Accessories: Instruction manual and power cord.

Cat. No.	Net Price
GSP-810	\$3995.00



MODEL GRG-450B (100kHz~150MHz) RF GENERATOR

FEATURES: Frequency range from 100kHz~150MHz (up~450MHz on harmonics). Int/ext AM modulation, 0~100%. Frequency monitor output for EXT frequency counter. **SPECIFICATIONS:** Range: A 100~290kHz, B 290~900kHz, C 0.9~3.0MHz, D 3.0~11MHz, E 10~35MHz, F 32~150MHz. Accuracy: $\pm 5\%$. AMPLITUDE MODULATION: Internal frequency. 1kHz, External frequency: 50Hz to 20kHz. Power source: AC 100/115/230V $\pm 10\%$, 50/60 Hz. Dimensions: 247W x 158H x 140D. Weight: 2.5kg. Accessories: power cord, instruction manual and GTL-110.

Cat. No.	Net Price
GRG-450B	\$322.00



MODEL GAG-809/810 (10Hz~1MHz) AUDIO GENERATORS

FEATURES: Frequency from 10Hz~1MHz. 0.02% low sine wave distortion (GAG0810 only). 6 step output attenuator. EXT SYNC function. **SPECIFICATIONS:** SINE WAVE: frequency range: 10Hz~1MHz, 5 ranges. Frequency indicator: dial scale. Frequency accuracy: $\pm(3\% + 1\text{Hz})$. Output voltage: 5 Vrms (600 Ω load). Frequency response: 10Hz~1MHz ± 0.5 dB (at 600 Ω load), reference frequency: (1 kHz). SQUARE WAVE: output voltage: 10Vp-p or more (no load). Rise and fall time: less than 200ns. EXT. SYNCHRONIZATION: synchronizing range: $\pm 1\%$ Vrms. Input impedance: 150k ohm. OUTPUT: output impedance: 600 Ω . Power source: AC 100/120/220/230V $\pm 10\%$, 50/60Hz. Dimensions: 130W x 210H x 292D. Weight: 3kg. Accessories: power cord, instruction manual and GTL-103 test lead.

Cat. No.	Description	Net Price
GAG-809	Audio generator	\$275.00
GAG-810	Audio generator with a 0.02% lower sine wave distortion	308.00



PST SERIES PROGRAMMABLE D.C. POWER SUPPLIES

FEATURES: Digitized programmable interface, high resolution 10mV, 1mA. 192 x 128 LCD display, display several setting and measuring results simultaneously. Over-voltage, over-current, over-temperature protection. Intelligent fan control (change by output power). 100 sets memory for setting save, auto running. Provided auto series and parallel function. Standard interface: RS-232C. Jack type terminal for Europe (optional). Labview driver. Option: GPIB (IEEE-488.2). **SPECIFICATIONS:** Power source: AC 100V/120V $\pm 10\%$, 230V (+10%/-6%), 50/60Hz. Dimensions: 230W x 140H x 380D. Weight: 10kg. Accessories: instruction manual, power cord, test lead.

Cat. No.	Voltage	Current	OVP	Net Price
PST-3202	0~32Vx2, 0~6Vx1	0~2Ax2, 0~5Ax1	0~33Vx2, 0~7Vx1	\$1358.00
PST-3201	0~32Vx3	0~1Ax3	0~33Vx3	1358.00



PSS SERIES PROGRAMMABLE D.C. POWER SUPPLIES

FEATURES: Digital programmable interface, high resolution 10mV, 1mA. High stability, low drift. Over-voltage, over-current, over temperature protection. Intelligent fan control (change by output power). Built-in buzzer alarm. Standard interface: RS-232C. Jack type terminal for Europe (optional). Labview driver. Option: GPIB (IEEE-488.2). **SPECIFICATIONS:** Power source: AC 100V/120V/220V $\pm 10\%$, 230V (+10%/-6%), 50/60 Hz. Dimensions: 108W x 140H x 315D. Weight: 4.8kg. Accessories: instruction manual, power cord, test lead.

Cat. No.	Voltage	Current	OVP	Net Price
PSS-2005	0~20Vx1	0~5Ax1	0~21Vx1	\$735.00
PSS-3203	0~32Vx1	0~3Ax1	0~33Vx1	735.00