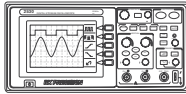


Digital Storage Oscilloscope

The 2530 delivers essential features and reliable performance at a price you can afford. Analog style knobs and controls combined with autoset functions make this oscilloscope easy to use. Advanced triggering, automatic measurements and FFT functions provide you with many options to debug your circuits. Additionally, the instrument comes with PC Software that lets you easily capture, save and analyze waveforms and measurement results. The 2530 is an ideal education and training tool and also well suited for applications in service and repair.



Features:

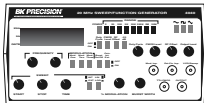
- One touch automatic setup for ease of use (Auto)
- 25MHz bandwidth, 250MSa/s sample rate
- 4,000 point record length for each channel
- Capture, save and analyze waveform data with the included EasyScope Application Software
- Cursors with readouts
- Eleven automatic measurements
- FFT standard plus 4 additional math functions
- Extensive Trigger capabilities including Pulse Width and line-selectable Video trigger
- Save/Recall setup and waveform data

BK2530-ND Digital Storage Oscilloscope 25MHz..... \$499.00

Function Generators

FEATURES AND SPECIFICATIONS:

Waveforms: Sine, Square, Triangle, Ramp, Pulse, Variable DC Offset and Duty Cycle. **Sweep LIN & LOG:** 100:1 **Frequency Counter Accuracy:** Time Base ±1 count **General Power:** 120 ~ 230VAC +10% 50/60Hz Internal jumper selectable **Accessories:** BNC to Alligator Cable, Instruction Manual **2 Year Warranty**



Model 4040A

Model 4007DDS: Versatile sweep function generators utilize an advanced direct digital synthesis (DDS) design. 0.1MHz ~ 7MHz frequency range (sine and square only). Lin or Log sweep function. Adjustable duty cycle. Adjustable DC offset.

Model 4013DDS: Versatile sweep function generators utilize an advanced direct digital synthesis (DDS) design. 0.1MHz ~ 12MHz Frequency Ranges (sine and square only) Lin and Log sweep function. Adjustable Duty Cycle. Adjustable DC offset

Model 4001A: Function Generator in 6 Ranges from 0.5Hz ~ 4MHz Range. Coarse and Fine Tuning.

Model 4010A: 7 Ranges from 0.2Hz ~ 2MHz Range. Coarse Tuning.

Model 4011A: Function Generator. 4 Digit LED Digital Display (4 digit Display Resolution), 7 Ranges from 0.5Hz ~ 5MHz Range. Variable Duty Cycle and DC Offset. Coarse and Fine Tuning.

Model 4012A: Sweep/Function Generator. Coarse and fine tuning. 4 digit LED display. Variable duty cycle. DC offset. Linear or Log sweep.

Model 4017A: 5 Digit LED Digital Display (5 digit Display Resolution), 8 Ranges from 0.1Hz ~ 10MHz Range. Coarse and Fine Tuning. Extended Sweep/Modulation Input: 0 ~ 10V.

Model 4017B: Square and Ramp waveforms. Frequency resolution down to 0.01Hz. RS-232 Interface. 0 to 100% duty cycle. Variable DC offset.

Model 4040A: Sweep/Function Generator with Frequency Counter. 5 Digit LED Display (5 digit Display Resolution 8 Ranges from 0.2Hz ~ 20MHz Range. AM and FM Modulation. Burst Operation. 30MHz External Frequency Counter. Selectable Linear or Log Sweep. Extended Sweep/Modulation Input: 0 ~ 10V. Coarse and Fine Tuning.

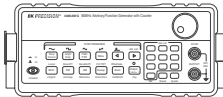
Model 4084: Model 4084 is a high performance laboratory grade synthesized function generator. Direct digital synthesis (DDS) techniques are used to create stable, accurate output signals for all 27 built-in standard and complex (arbitrary) waveforms.

Model 4045: Sine, Square, Triangle, Arbitrary, Ramp and Pulse waveforms. Modulation in both AM and FM. Lin or Log Sweep Function. Adjustable Duty Cycle. Adjustable DC Offset. RS-232C Interface. Frequency Range: 0.1MHz ~ 20MHz

BK4007DDS-ND DDS Sweep Function Generator 7MHz.....	\$399.00
BK4013DDS-ND DDS Sweep Function Generator 12MHz.....	\$499.00
BK4001A-ND 4MHz Sweep/Function Generator.....	\$205.00
BK4010A-ND 2MHz Function Generator.....	\$259.00
BK4011A-ND 5MHz Function Generator with Digital Display.....	\$325.00
BK4012A-ND 5MHz Function Generator.....	\$365.00
BK4017A-ND 10MHz Sweep/Function Generator with Digital Display.....	\$409.00
BK4017B-ND 10MHz DDS Sweep Function Generator 10MHz available on Sine.....	\$499.00
BK4040A-ND 20MHz Sweep/Function Generator with Frequency Counter and Digital Display.....	\$619.00
BK4084-ND 20MHz Programmable DDS Function Generator.....	\$925.00
BK4045-ND 20MHz DDS Sweep Function Generator with Arbitrary (Capabilities).....	\$995.00
LC-40B-ND Carrying Case (1 Year Warranty) (For 4010A, 4011A, 4017A and 4040A).....	\$93.60

Function and Arbitrary Waveform Generator

Model 4084AWG: The Model 4084AWG is a laboratory grade synthesized function generator with arbitrary capability. Direct synthesis (DDS) techniques are used to create stable, accurate output signals for all 27 built-in standard and complex (arbitrary) waveforms as well as custom arbitrary waveforms. The 4084AWG produces high purity, low distortion sine waves and square waves up to 20 MHz and provides extensive analog modulation capabilities including AM, FM, FSK, PSK, pulse modulation, burst mode and linear/logarithmic sweep combined with multiple trigger modes. The included intuitive Windows Software lets users create and edit custom arbitrary waveforms and download them with a single click to the instruments non volatile memory. Unmatched affordability and high performance make the 4084AWG a perfect fit for many applications in Electronic Test and Design, Sensor Simulation and Education and Training. **Features:** • Clean and stable output of very small signals down to the 1mV ~ 10mV range (50C) • Support of internal and external modulation sources as well as internal, external and gated trigger sources • Create arbitrary waveforms with 10 bit vertical resolution, 16K memory depth and a sample rate of 200MHz • Fully programmable via the standard RS232 interface using SCPI compatible commands • 100MHz Universal Counter with frequency measurement and totalize function



Model 4084AWG

BK4084AWG-ND Arbitrary/Function Generator..... \$1295.00

Frequency Counter



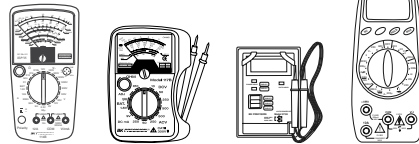
Model 1856D

Model 1856D: 3.5GHz Multifunction Counter (Frequency, Period, Totalize) Benchtop with .56 inch high 9-Digit LED Display. **Frequency:** 0.1Hz ~ 3.5GHz **Period Characteristics:** Range: 10ns ~ 10s **Input Characteristics:** Impedance: 50 Ω ±5% **Totalize Start/Stop Input:** Logic Levels: Standard TTL Levels **Time Base Characteristics:** Standard Type: TCO **Frequency:** 10MHz **Stability:** ±1ppm ±10% line voltage variation **Temperature Stability:** ±5ppm 0°C ~ 50°C **Dimensions:** 9.4 x 3.5 x 10.6" **Power:** 115VAC ±10% 50/60Hz **Accessories Included:** Instruction Manual

BK1856D-ND 3.5GHz Benchtop Multifunction Counter..... \$515.00

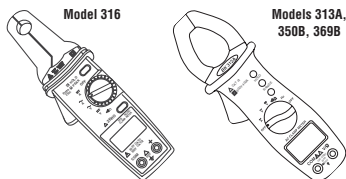
Multimeters

Pocket/Analog Multimeters



BK114B-ND Analog Multimeter.....	\$40.00
BK117B-ND Pocket Size Analog Multimeter.....	\$20.95
BK2700-ND Pocket DMM.....	\$36.00
BK2408-ND Mini-pro Multimeter.....	\$46.50
LC-24-ND Carrying Case for 2408 (1 Year Warranty).....	\$15.60

Clamp-on Multimeters



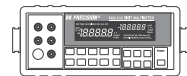
	Models			
	313A	316	350B	369B
AC Current	600A	100A	1000A	1000A
DC Current	600A	100A	—	1000A
AC Voltage	600V	600V	750V	750V
DC Voltage	600V	600V	1000V	1000V
Resistance	1KΩ	10KΩ	30MΩ	40MΩ
Frequency	—	—	—	—
Capacitance	—	—	—	—
True RMS	—	—	—	—
Continuity	—	—	—	—
Diode	—	—	—	—
Data Hold	—	—	—	—
Max./Min.	—	—	—	—

BK313A-ND 600A.....	\$154.00
BK316-ND 10/80/100A.....	\$164.00
BK350B-ND 32/320/1000A.....	\$160.00
BK369B-ND 400/1000A.....	\$195.00
LC-33-ND Carrying Case (1 Year Warranty).....	\$29.19

Bench DMM True RMS

Model 2831D:

4-1/2 LED Digit Display Bench with 0.05% Basic Accuracy • Measures diode, frequency and continuity in addition to basic current, voltage and resistance **Specifications:** **DC Voltage:** 1200V max range, best accuracy +0.05% +5D **AC Voltage:** 1000V range max, best accuracy +0.75% +10D **AC/DC Current:** 20A max, best accuracy +0.75% +5D **Resistance:** 20MΩ max, best accuracy +0.2% +5D **Frequency:** 200KHz max, best accuracy +1.0% +5D • **Dimensions:** 9.4 x 3.5 x 10.6"



Model 5492

50,000 Count Digit Dual Display Bench Multimeter • True RMS • Resistance measurements up to 50M Ω • Measures frequency to 500KHz • dBm measurement • RS232 Interface

Model 5491A:

5-1/2 Digit Dual Display Bench DMM with 0.012% Basic Accuracy • Selectable Count Resolutions of 120,000, 40,000 and 4,000 count • Selectable 2 Wire and 4 Wire Resistance • Measures Frequency to 1MHz with 0.01Hz Best Resolution • RS-232 Interface **Includes:** One set of TL 36 Test Leads and AC 01 caps for TL 36 • Optional GPIB

Model 5492:

5-1/2 Digit Dual Display Bench DMM with 0.012% Basic Accuracy • Selectable Count Resolutions of 120,000, 40,000 and 4,000 count • Selectable 2 Wire and 4 Wire Resistance • Measures Frequency to 1MHz with 0.01Hz Best Resolution • RS-232 Interface **Includes:** One set of TL 36 Test Leads and AC 01 caps for TL 36 • Optional GPIB

BK2831D-ND	\$309.00
BK5491A-ND	\$409.00
BK5492-ND	\$715.00
LC-40B-ND Carrying Case (1 Year Warranty).....	\$93.60

Dual Display 51,000 Count DMM

Models 2890A and 2880B are Dual Display 51,000 Count DMMs with exceptional accuracy and functionality. Both offer superb performance with many features that are useful for trouble shooting electronic and electrical circuits or to test and evaluate circuits in a field service application.



Features: • True RMSACV and ACA • 5 Digit LCD for both the primary and secondary displays • 21 Segment analog bar graph • Automatic polarity indicator • 0.025% Basic DCV accuracy (0.03% for 2880B) • Resistance measurements up to 500MΩ • Conductance measurements up to 50nS with 0.01nS resolution • Capacitance measurement • Frequency with ACV measurement • Data Hold • dBm Measurement • Conforms to IEC-1010-1 600V CAT IV and 1000V CAT III • CE Approved

Model 2890A: • AC+DC True RMS • Back lit LCD • Frequency counter up to 20MHz • Square Wave output with 28 frequency ranges and adjustable duty cycle

Model 2880B: • Easy to understand interface • IEC rated inputs

BK2890A-ND	\$309.00
BK2880B-ND	\$249.00

3 1/2 Digit Ruggedized DMM

The Survivor™ High Energy Fused Ruggedized DMM. 3-1/2 digit 20.32mm high contrast LCD display.

Audible Continuity: 20 Amp range

Sampling: 2.5 times/sec. (nominal), Heavy Duty 1500VDC, 1000VAC rating. Water resistant case.

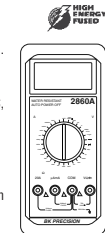
Power Requirements: Single 9V battery

Auto Power Off: approx. 30 minute

Dimensions: 6.9 x 3.5 x 1.5"

Accessories Supplied: Battery, test leads, instruction manual, rubber boot.

5 Year Warranty



BK2860A-ND	\$102.00
LC-29B-ND Carrying Case (1 Year Warranty).....	\$19.71

Tool Kit® Multimeters

Display: 3-1/2 digit, high-contrast 0.7" (17.78mm) LCD, 1999 counts.

Sampling: 3 times/sec. (nominal), 0.5%DCV accuracy.

Operating Temperature: 0°C ~ 50°C, 0% to 70% RH.

Power Requirements: 9V battery

Accessories Supplied: Battery, drop resistant case, test leads, and instruction manual.

1 Year Warranty

Model 2707A:

DMM, component tester, frequency counter, and logic probe. **Voltage Range:** 200mV to 1000VDC; 200mV to 750VAC frequency counter **Current Range:** 200µA to 10A **Resistance:** 0.1Ω to 200MΩ **Capacitance:** to 20µF

Frequency: 2kHz to 5MHz **Logic Probe Function:** (TTL) Transistor Gain Measure: (hFE) **Dimensions:** 5.9 x 3.1 x 1.3"

Model 2706A:

DMM, component tester, and temperature meter. **Voltage Range:** 200mV to 1000VDC; 200mV to 750VAC **Current Range:** 200µA to 10A **Resistance:** 0.1Ω to 20MΩ **Capacitance:** to 20µF **Frequency:** 10Hz to 15MHz **Transistor Gain Measure:** (hFE) **Temperature:** 0°C ~ 750°C Thermocouple probe included **Dimensions:** 5.9 x 3.1 x 1.3"

Model 2703B:

DMM **Voltage Range:** 200mV to 1000VDC; 200mV to 750VAC **Current Range:** 200µA to 10A **Resistance:** 0.1Ω to 20MΩ **Dimensions:** 5.9 x 3.1 x 1.3"

Model 2707A:

DMM, component tester, frequency counter, and logic probe. **Voltage Range:** 200mV to 1000VDC; 200mV to 750VAC frequency counter **Current Range:** 200µA to 10A **Resistance:** 0.1Ω to 200MΩ **Capacitance:** to 20µF

Frequency: 2kHz to 5MHz **Logic Probe Function:** (TTL) Transistor Gain Measure: (hFE) **Dimensions:** 5.9 x 3.1 x 1.3"

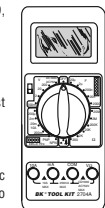
Model 2703B:

DMM **Voltage Range:** 200mV to 1000VDC; 200mV to 750VAC **Current Range:** 200µA to 10A **Resistance:** 0.1Ω to 20MΩ **Dimensions:** 5.9 x 3.1 x 1.3"

Model 2707A:

DMM, component tester, frequency counter, and logic probe. **Voltage Range:** 200mV to 1000VDC; 200mV to 750VAC frequency counter **Current Range:** 200µA to 10A **Resistance:** 0.1Ω to 200MΩ **Capacitance:** to 20µF

Frequency: 2kHz to 5MHz **Logic Probe Function:** (TTL) Transistor Gain Measure: (hFE) **Dimensions:** 5.9 x 3.1 x 1.3"



Model 2704B

BK2707A-ND	\$91.00
BK2706A-ND	\$81.00
BK2703B-ND	\$40.00
LC-29B-ND Carrying Case (1 Year Warranty).....	\$19.71

(Continued)