

**B&K Precision® Digital Storage Oscilloscopes****Troubleshoot issues easier with more signals under test**

- Expanded analysis—FFT capability includes add, subtract, multiply, and divide
- Quick and easy operation with 32 automatic measurements
- Front and rear USB host ports allow you to save and recall waveform setups, data, and screenshots on a USB flash drive
- Downloadable software provides remote PC control ability
- Come standard with slimline passive probes (one per channel) to get the most out of your scope

Ideal for applications in design and debug, service and repair, and education. Units feature multiple channels (2 or 4), wide bandwidth, and rapid sample rate allowing you to efficiently identify signal issues. Advanced tools include digital filters with adjustable limits, delayed sweep and zoom, pass/fail testing, and waveform recorder mode.

**Specifications****Record length:** 24 kpts**Connectivity:** Two USB ports (front and back), LAN**Trigger types:** Edge, pulse width, video, slope, alternative**Waveform math and analysis:**

Add, subtract, multiply, divide, FFT

**Display:** 7" (178 mm) color TFT**Power:** 100 to 240 VAC, 45 to 440 Hz

Model	Bandwidth	Channels	Sample rate	Catalog number	Price
2552	70 MHz	2	2 GS/s	<a href="#">GH-20047-56</a>	
2553		4		<a href="#">GH-20047-57</a>	
2554	100 MHz	2	2 GS/s	<a href="#">GH-20047-58</a>	
2555		4		<a href="#">GH-20047-59</a>	
2556	200 MHz	2	2 GS/s	<a href="#">GH-20047-60</a>	
2557		4		<a href="#">GH-20047-61</a>	
2558	300 MHz	2	2 GS/s	<a href="#">GH-20047-62</a>	
2559		4		<a href="#">GH-20047-63</a>	

[GH-06347-72](#) NIST-traceable calibration with data**B&K Precision® Digital Storage Oscilloscopes with Waveform Generators****Two instruments in one****NEW**

- Powerful tools in a small economical package—built-in waveform generator models for more versatility
- Quick and easy set up and operation with 28 automatic measurements and built-in context sensitive help
- Capture screenshots from any standard web browser with LAN interface
- Get more functionality with 30 built-in arbitrary waveforms (models 20043-65 and -66)
- Save time by saving up to 10 user-defined arbitrary waveforms for repeat testing capability (models 20043-65 and -66)

These dual-channel 60 and 100 MHz digital storage oscilloscopes deliver performance and value, all in one portable solution. Optimize productivity using features such as digital filtering, waveform



recorder, pass/fail limit testing, and automatic measurements. Oscilloscopes provide deep waveform memory up to 2.4 Mpts plus LAN and USB PC interface. These units are ideal for applications in design and debugging, service and repair, and education. Models 20043-65 and -66 also feature a built-in arbitrary waveform generator.

**What's included:** two 150 MHz (10:1) passive probes, USB interface cable, and calibration document supplied by the manufacturer. Models 20043-65 and -66 also include one BNC-to-BNC cable.

Description	Oscilloscopes		Oscilloscopes with waveform generator	
	2540B	2542B	2540B-GEN	2542B-GEN
Model number				
Catalog number	<a href="#">GH-20043-63</a>	<a href="#">GH-20043-64</a>	<a href="#">GH-20043-65</a>	<a href="#">GH-20043-66</a>
Bandwidth	60 MHz	100 MHz	60 MHz	100 MHz
Channels	2			
Sample rate	Single channel: 1 GSa/s; Dual channel: 500 MSa/s			
Input impedance	1 M $\Omega$ , 18 pF			
Record length	1 GSa/s: 16 kpts; 500 MSa/s: 8 kpts (dual channel); 500 MSa/s: 2.4 Mpts (single channel); $\leq$ 250 MSa/s: 1.2 Mpts (single and dual channel)			
Serial triggering and decode	Edge, pulse width, video, auto, normal, single			
Frequency range (func. gen)	—	—	1 $\mu$ Hz to 20 MHz	1 $\mu$ Hz to 40 MHz
Square / pulse (func. gen)	—	—	1 $\mu$ Hz to 20 MHz / 1 mHz to 10 MHz	
Modulation (func. gen)	—	—	AM, FM, FSK, PSK, and PWM modulation, frequency sweep, and burst mode	
Connectivity	USB, RS-232, LAN, Pass/fail output			
Display	5.7" (14.5 cm) color TFT, 320 x 234 resolution, 24-bit true color			
Power	100 to 240 VAC, 45 to 440 Hz			
Dimensions (W x H x D)	12 $\frac{5}{8}$ " x 6 $\frac{1}{8}$ " x 4 $\frac{7}{8}$ " (32 x 16 x 12.4 cm)			
Price				