

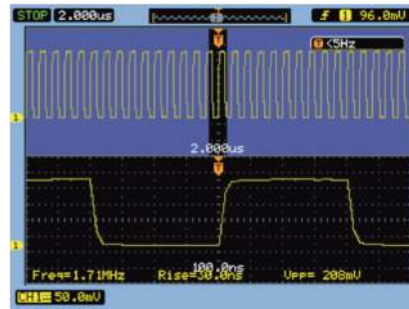
# Keysight 1000 Series Oscilloscopes

Engineered to give you more scope than you thought you could afford

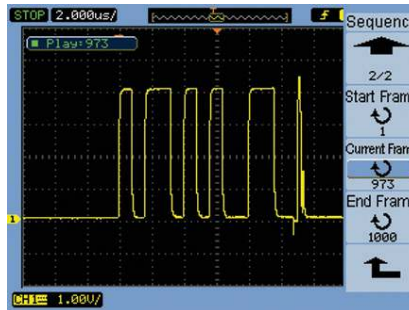


## Key specifications

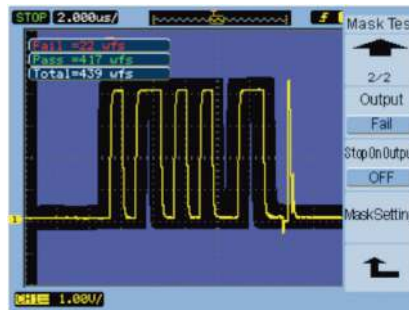
	1000A	1000B
Bandwidth	60 MHz, 100 MHz, 200 MHz models	50 MHz, 70 MHz, 100 MHz, 150 MHz models
Channels	2 or 4 analog channels	2 analog channels
Sample rate	2 GSa/s	1 GSa/sec
Memory depth	20 kpts	16 kpts
Display	5.7-inch color	5.7-inch color, QVGA



With True Zoom mode you can view a long record and the details of a zoom window simultaneously.



Use sequence mode to record up to 1000 triggers and review in playback mode to find anomalies.



Mask testing provides a quick pass/fail comparison of an incoming signal to a test envelope you define.

Keysight's 1000A/B Series oscilloscopes deliver the performance and features you expect in a big scope – and the portability and low price you require in a small one.

Powerful signal capture and display:

- Wide viewing angle, bright color display
- Up to 20 kpts memory, up to 8x more than other scopes
- Up to 2 GSa/s sample rate
- Simultaneous viewing of main and zoomed waveforms
- 25% more viewing area with menus switched off

Advanced measurement capability:

- 23 automatic measurements
- Waveform math including FFT
- Standard go/no-go mask testing
- Sequential acquisition of up to 1000 trigger events
- Selectable high pass, low pass, band pass, and band reject digital filters

Accelerated productivity:

- Autoscale
- 11-language localization of user interface, front panel controls, and manuals
- USB connectivity
- Free education student lab guide and professor slide set

## Oscilloscope models

Model	Bandwidth	Sample rate	Memory depth	Scope channels
DSO1052B	50 MHz	1 GSa/s	16 kpts	2
DSO1072B	70 MHz	1 GSa/s	16 kpts	2
DSO1102B	100 MHz	1 GSa/s	16 kpts	2
DSO1152B	150 MHz	1 GSa/s	16 kpts	2
DSO1022A	200 MHz	2 GSa/s	20 kpts	2
DSO1004A	60 MHz	2 GSa/s	20 kpts	4
DSO1014A	100 MHz	2 GSa/s	20 kpts	4
DSO1024A	200 MHz	2 GSa/s	20 kpts	4

## Recommended probes

Part	Description
N2862B	150 MHz, 10:1 passive probe (standard with 50 MHz to 100 MHz models)
N2863B	300 MHz, 10:1 passive probe (standard with 150 MHz and 200 MHz models)
10070D	1:1, 20 MHz passive probe
10076B	100:1, 4 kV, 250 MHz high voltage passive probe
N2771B	1000:1, 30 kV, 50 MHz high voltage passive probe
N2791A	25 MHz, 700 V differential probe
N2891A	70 MHz, 7 kV differential probe
1146A	100 kHz current probe, AC/DC

## Options and accessories

Model	Description
N2738A	Soft carrying case for the 1000 Series scopes
N2739A	Rackmount kit for the 1000 Series scopes (A models only)

For additional probes, see the Keysight Oscilloscope Probes and Accessories – Selection Guide, publication number 5989-6162EN.

For more information on this and other Keysight scopes please visit [www.keysight.com/find/1000](http://www.keysight.com/find/1000)

### Three-Year Warranty

[www.keysight.com/find/ThreeYearWarranty](http://www.keysight.com/find/ThreeYearWarranty)

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.



### Keysight Assurance Plans

[www.keysight.com/find/AssurancePlans](http://www.keysight.com/find/AssurancePlans)

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

