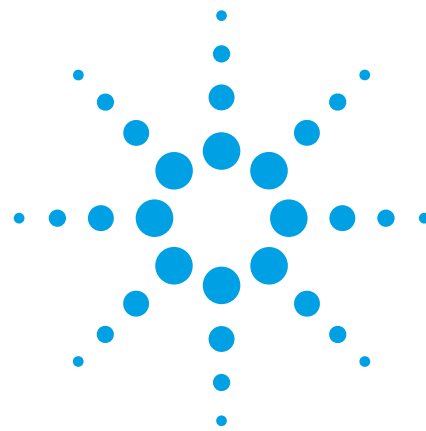
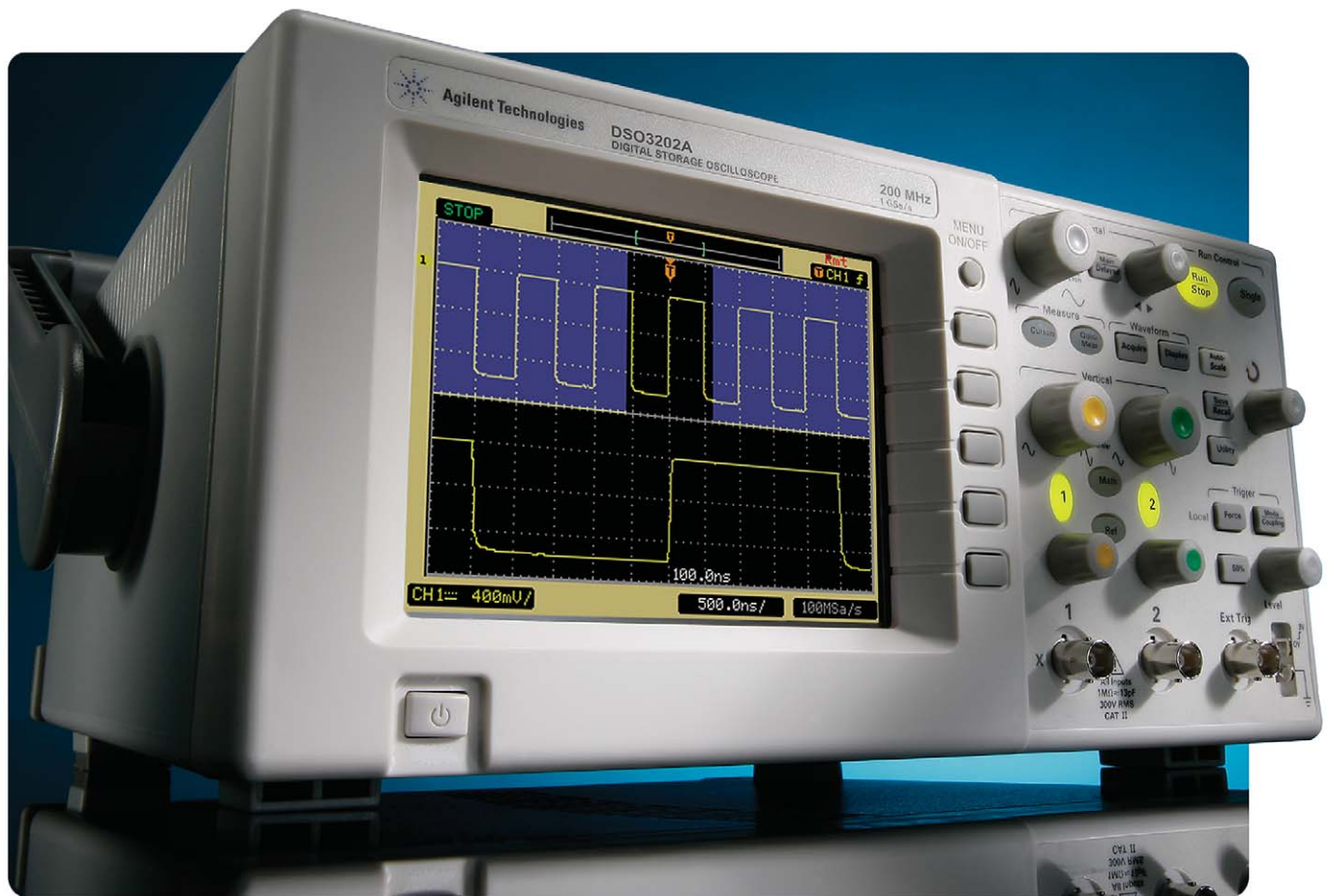


Agilent 3000 Series  
oscilloscopes



**Full-featured  
oscilloscopes  
that fit any  
budget**



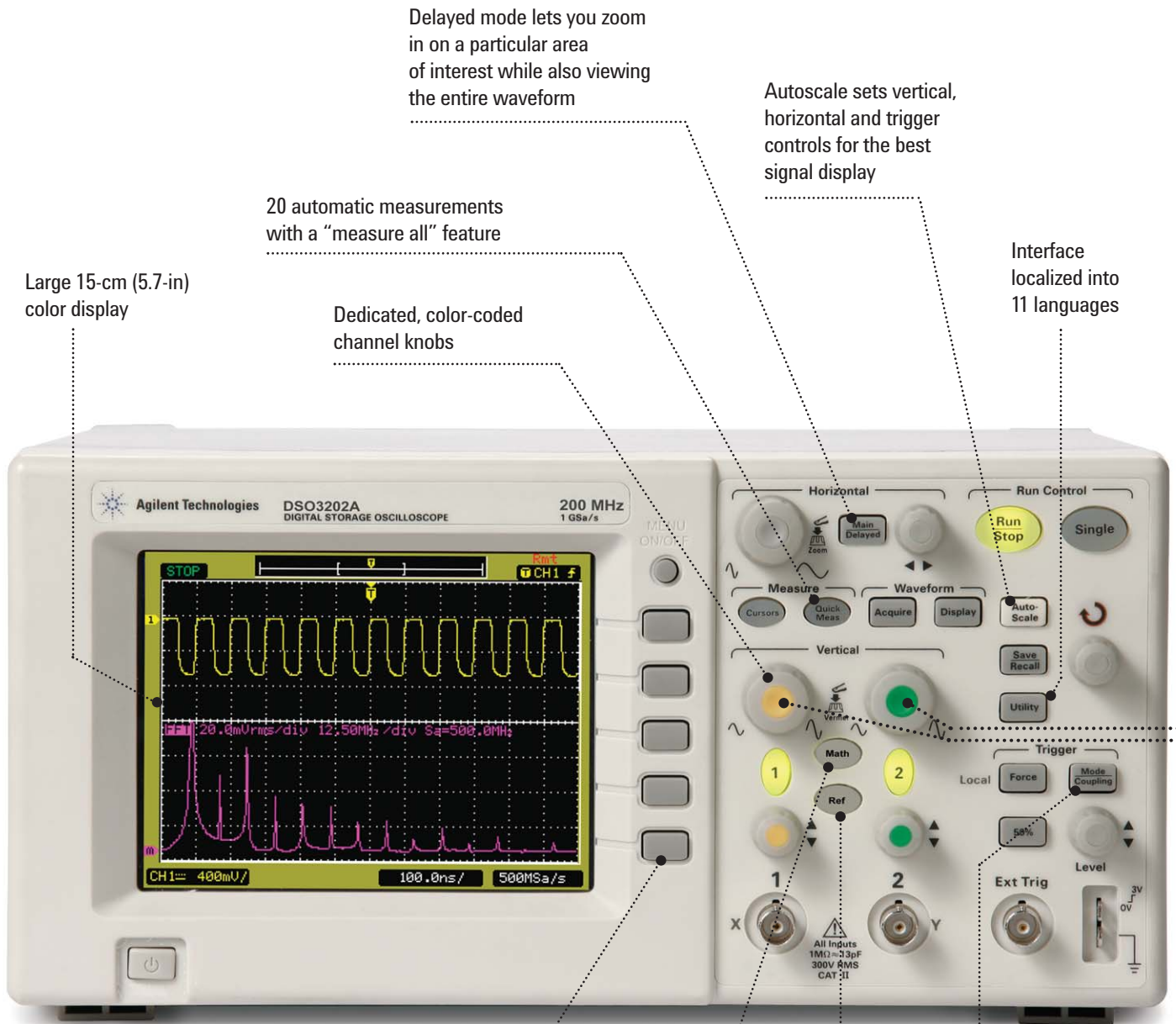
**DSO3062A**  
60 MHz,  
1GSa/s, 2ch

**DSO3102A**  
100 MHz,  
1GSa/s, 2ch

**DSO3152A**  
150 MHz,  
1GSa/s, 2ch

**DSO3202A**  
200 MHz,  
1GSa/s, 2ch

# The performance and features you need



**Rear panel USB port**  
 USB connectivity and Scope Connect software, standard

Softkeys for easy access to advanced features

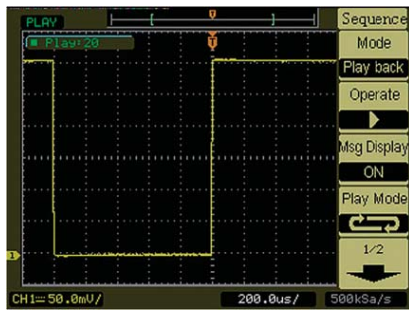
Math suite including FFTs standard

10 internal setup and waveform memories

Comprehensive trigger suite including edge, pulse width and video.

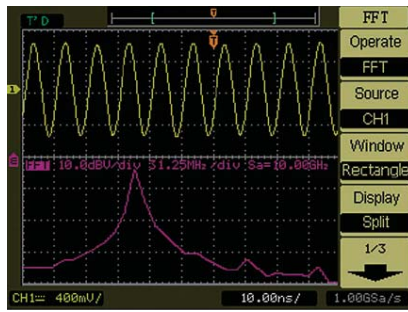
## Multi-language interface standard!

Operate the oscilloscope in the language of your choice. Language support includes simplified and traditional Chinese, Japanese, Korean, French, German, Italian, Portuguese, Russian, Spanish and English.



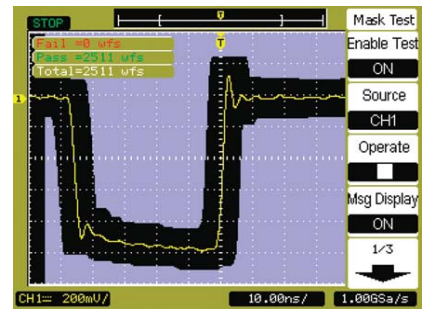
### Sequence mode

Use the sequence mode to frame an area of interest on your signal for acquisition; then, use the playback feature to quickly play through the sequence and easily spot glitches or other signal anomalies.



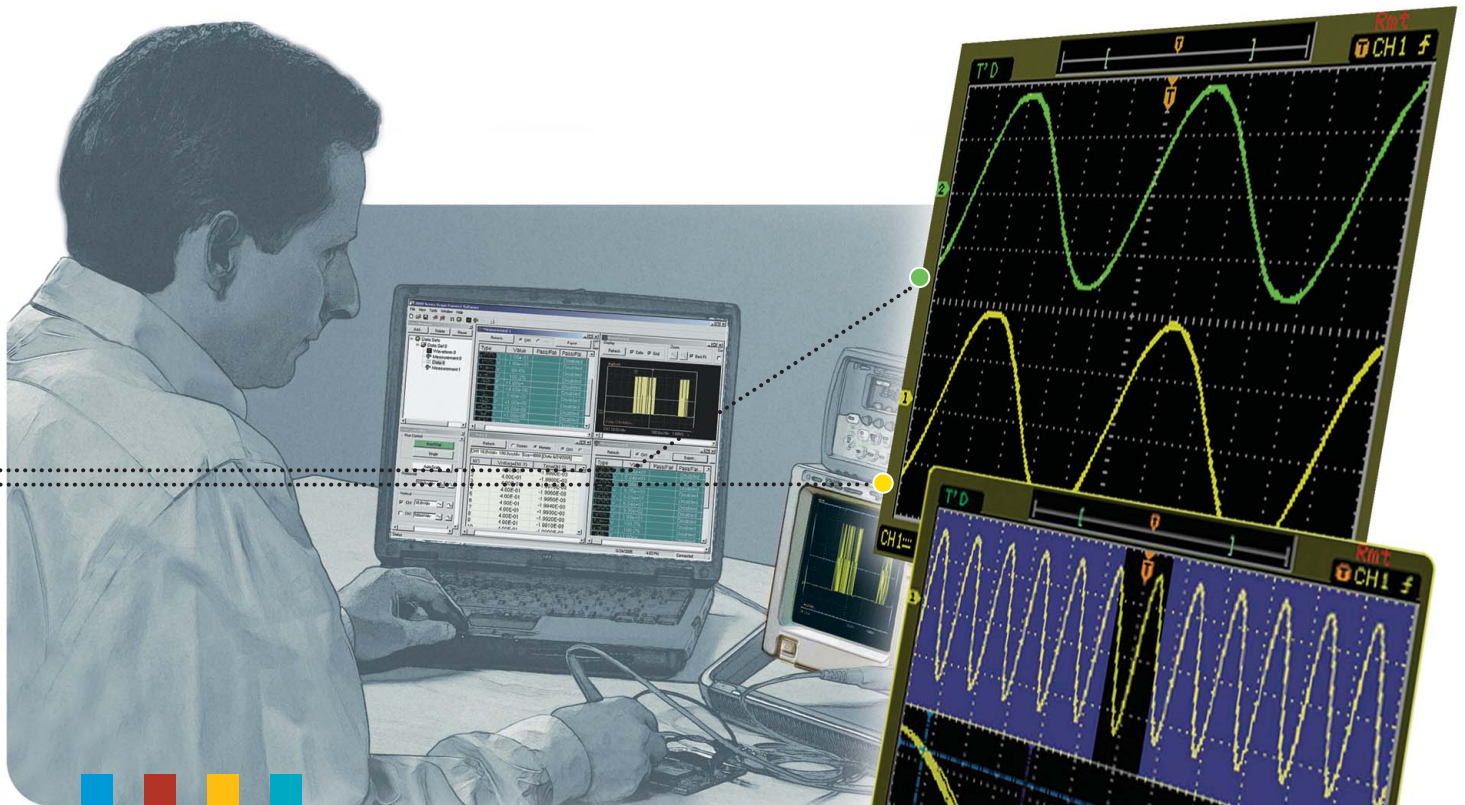
### Powerful math and measurements

The 3000 Series comes equipped with a broad set of measurement and math features, including FFTs at no additional cost. Select from 20 automatic measurements; or, to save time, you can make 18 different measurements simultaneously.



### Mask testing

Automatically compares incoming signals with a pre-defined mask, clearly highlighting signal changes.



### Your world isn't monochrome: view it in color!

All 3000 Series models have color displays to allow you to quickly identify your signals, and the large size – 15 cm (5.7 in) with 320 x 240 resolution – makes it easier for you to see more information.

The 3000 Series' delayed sweep (zoom) also lets you see more details in your design. You can view a long record, then window in on the section of the signal of interest.



- **Color display: not available in similarly priced oscilloscopes**
- **Industry-leading parameter and math measurements, including FFT**
- **USB, GPIB, and RS-232 connectivity available**



**Flexible connectivity**

FREE Scope Connect software provides optional connectivity for most data gathering, storage and documentation needs, usable with the 3000 series' standard USB port. GPIB and RS-232 interfaces are also available as options.

	DS03062A	DS03102A	DS03152A	DS03202A
<b>Bandwidth</b>	60MHz	100 MHz	150 MHz	200 MHz
<b>Sample Rate</b>	1 GSa/s max, 500 MSa/s each channel			
<b>Channels</b>	2			
<b>Display</b>	Color, 320 x 240 1/4 VGA LCD; H: 88 mm, W: 116 mm			
<b>Memory</b>	4 kpts per channel			
<b>Vertical resolution</b>	8 bits			
<b>Vertical sensitivity</b>	2 mV/div to 5 V/div			
<b>Bandwidth limit</b>	~ 20 MHz			
<b>Maximum input voltage</b>	300 V <sub>rms</sub> CAT II; derated at 20 dB/decade above 100 kHz to 13 V p-p AC at 3 MHz and above			
<b>Timebase range</b>	5 ns/div to 50 s/div	2 ns/div to 50 s/div		
<b>Input coupling</b>	DC, AC, Ground			
<b>Input impedance</b>	1 MΩ: ≈ 13 pF			
<b>Timebase accuracy</b>	100 ppm			

**Probes**

<b>N2862A</b>	10:1, 150 MHz passive probe (shipped with DS03062A, DS03102A, DS03152A)
<b>N2863A</b>	10:1, 300 MHz passive probe (shipped with DS03202A)
<b>10070C</b>	1:1, 20MHz passive probe
<b>N2774A</b>	50 MHz current probe, AC/DC
<b>N2775A</b>	Power supply for N2774A
<b>1146A</b>	100 kHz current probe, AC/DC
<b>10076A</b>	100:1, 4 kV, 250 MHz high-voltage probe
<b>N2771A</b>	1000:1, 15 kV, 50 MHz high-voltage probe
<b>1141A</b>	200 MHz differential probe. Requires 1142A power supply
<b>N2772A</b>	600 V CAT III, 20 MHz differential probe

**Optional Accessories**

<b>N2861A</b>	Provides GPIB and RS-232 connectivity and pass/fail output for automatic testing.
<b>N2864A</b>	Rack Mount Kit for Agilent 3000 oscilloscopes

Technical data subject to change.

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