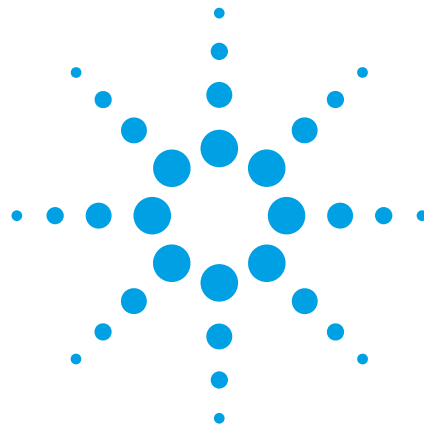
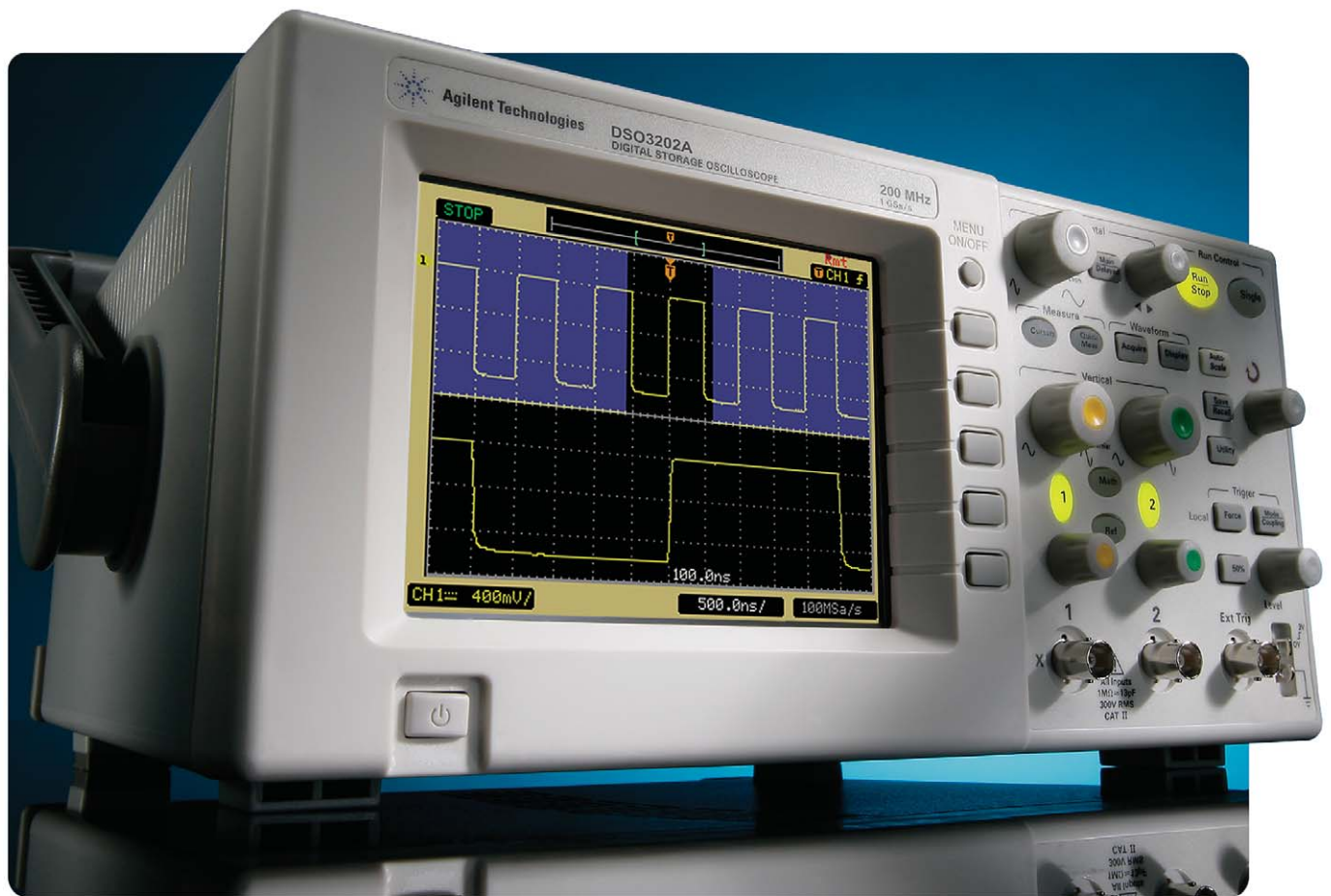


Agilent 3000 Series
oscilloscopes



**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



Agilent Technologies

The performance and features you need

Delayed mode lets you zoom in on a particular area of interest while also viewing the entire waveform

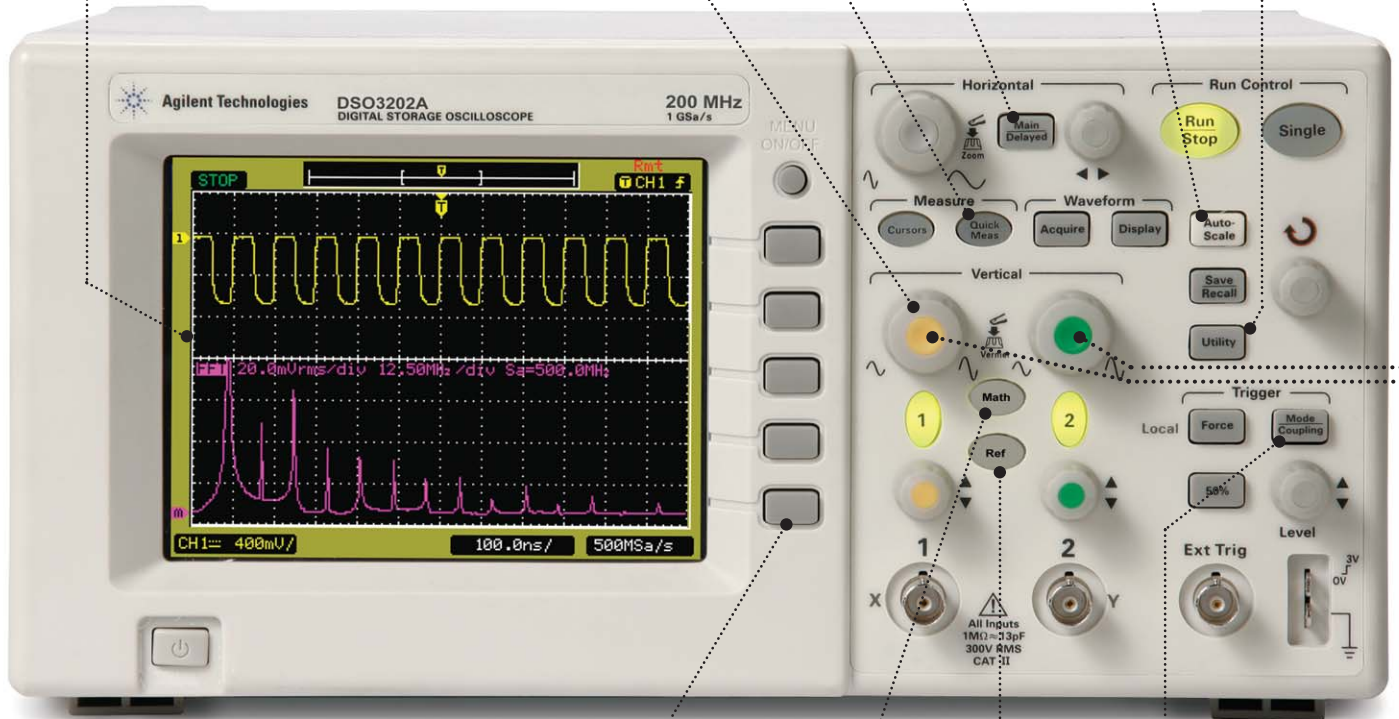
Autoscale sets vertical, horizontal and trigger controls for the best signal display

20 automatic measurements with a "measure all" feature

Interface localized into 12 languages

Large 15-cm (5.7-in) color display

Dedicated, color-coded channel knobs

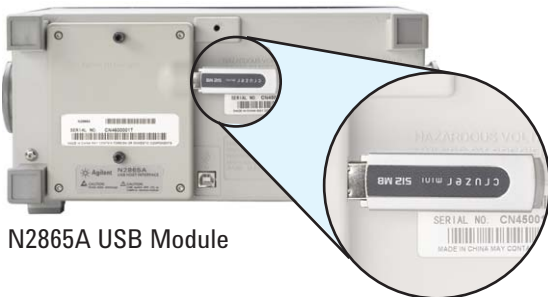


Softkeys for easy access to advanced features

Comprehensive trigger suite including edge, pulse width and video.

Math suite including FFTs standard

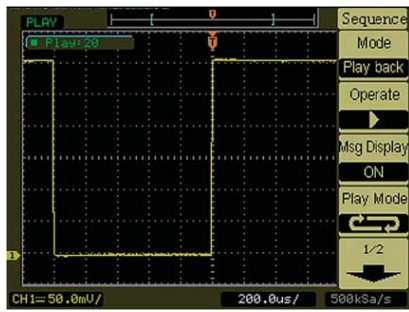
10 internal setup and waveform memories



N2865A USB Module

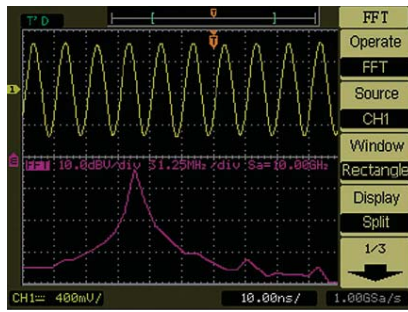
Multi-language interface standard!

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.



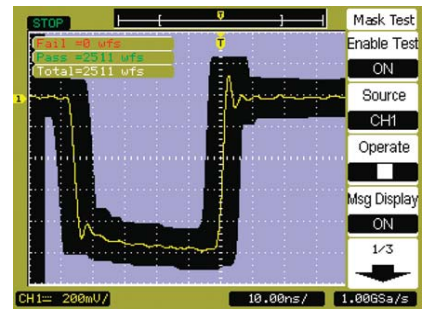
Sequence mode

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.



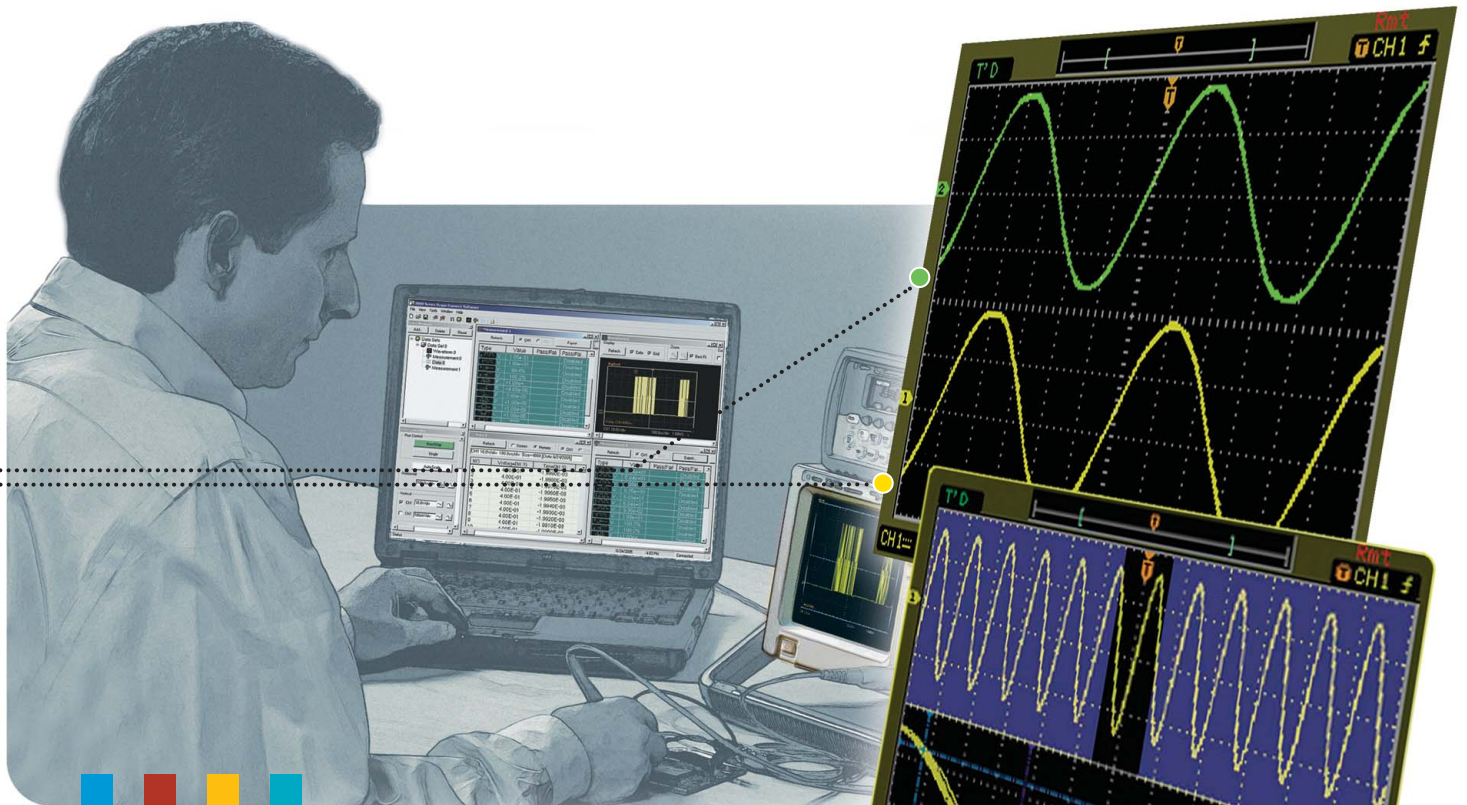
Powerful math and measurements

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.



• Industry-leading parameter and math measurements, including FFT



Flexible connectivity

GPIB and RS-232 interfaces are also available as options.

	DSO3062A	DSO3102A	DSO3152A	DSO3202A
Bandwidth	60MHz	100 MHz	150 MHz	200 MHz
Sample Rate	1 GSa/s max, 500 MSa/s each channel			
Channels	2			
Display	Color, 320 x 240 1/4 VGA LCD; H: 88 mm, W: 116 mm			
Memory	4 kpts per channel			
Vertical resolution	8 bits			
Vertical sensitivity	2 mV/div to 5 V/div			
Bandwidth limit	~ 20 MHz			
Maximum input voltage	300 V _{rms} CAT II; derated at 20 dB/decade above 100 kHz to 13 V p-p AC at 3 MHz and above			
Timebase range	5 ns/div to 50 s/div	2 ns/div to 50 s/div		
Input coupling	DC, AC, Ground			
Input impedance	1 MΩ: ≈ 13 pF			
Timebase accuracy	100 ppm			

Probes

N2862A	10:1, 150 MHz passive probe (shipped with DSO3062A, DSO3102A, DSO3152A)
N2863A	10:1, 300 MHz passive probe (shipped with DSO3202A)
10070C	1:1, 20MHz passive probe
N2774A	50 MHz current probe, AC/DC
N2775A	Power supply for N2774A
1146A	100 kHz current probe, AC/DC
10076A	100:1, 4 kV, 250 MHz high-voltage probe
N2771A	1000:1, 15 kV, 50 MHz high-voltage probe
1141A	200 MHz differential probe. Requires 1142A power supply
N2772A	600 V CAT III, 20 MHz differential probe

Optional Accessories

N2861A	Provides GPIB and RS-232 connectivity and pass/fail output for automatic testing.
N2864A	Rack Mount Kit for Agilent 3000 oscilloscopes
N2865A	USB host module (standard with DSO3000 series after 3/15/2007).

Pricing and technical data subject to change.

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