

Expect to Make Waves.

The New WaveSurfer Oscilloscope

Large 10.4" LCD touch screen

Long capture time


waveSurfer™

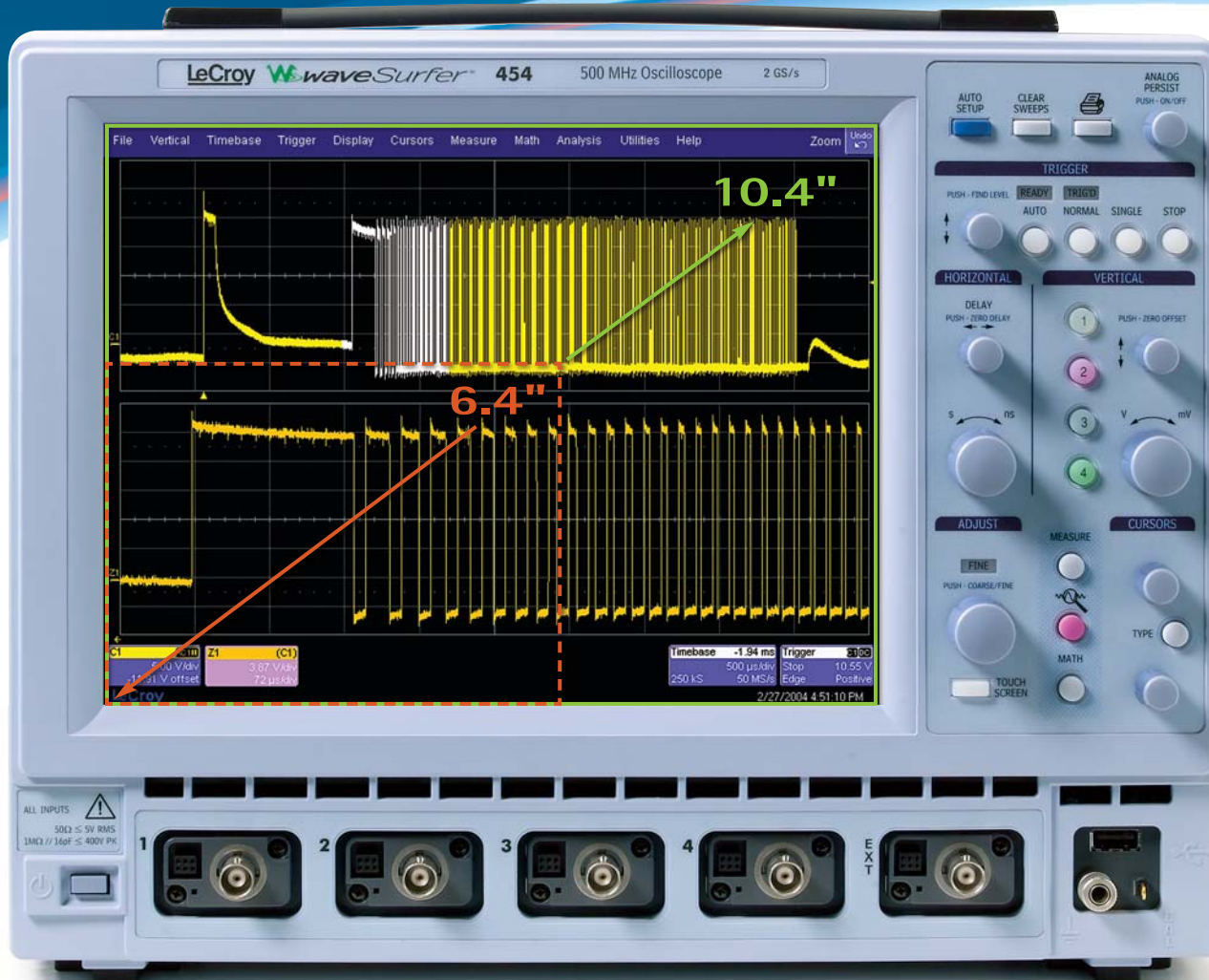


The New WaveSurfer Oscilloscope

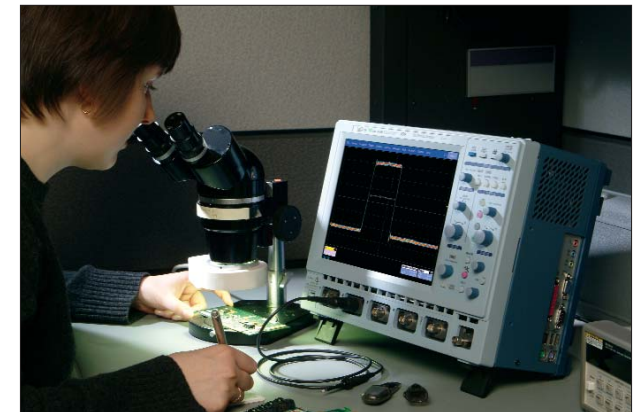
From its large 10.4" LCD touch screen to its space-saving small footprint, the new WaveSurfer DSO is a radical rethinking of the basic bench scope. It breaks the rules of conventional scope design to deliver dramatically improved signal viewing, 100X the capture time, and up-to-the minute

So Much to See

connectivity capabilities. But more importantly, it's designed for the way you like to work – big, sharp images of your signal, a simple, easy-to-use interface and a strong tool set for testing and debugging. Bottom line? It's not only a great fit for your bench, it's a perfect match for your budget.



The WaveSurfer 10.4" display is 2-1/2 times the size of the 6.4" screens found on competitive oscilloscopes. And its 6" deep footprint eliminates the space penalty that comes with conventional oscilloscopes. Just looking at the screen you can see the improvement – the 800 x 600 SVGA display boasts exceptional brightness and a wide viewing angle. Signal details are clearer than ever. And you know that when you can see the signal, you can come up with the solution. That's what the new WaveSurfer DSO is all about.

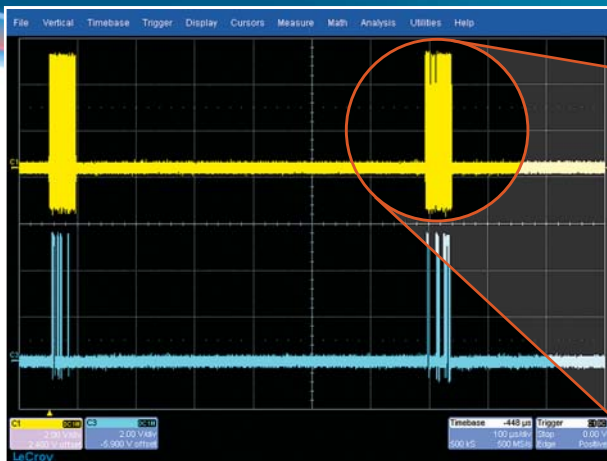


The space savings on your bench are dramatic.

scope — It's an Original

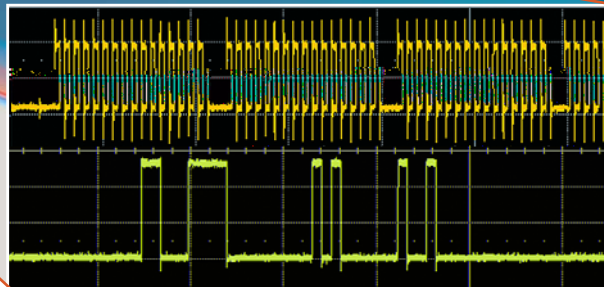
Long capture time

Large screens show the detail — if you can capture it. The WaveSurfer oscilloscope provides all the detail you need by delivering more than 100X the capture time at full sample rate compared to other oscilloscopes in its



1 ms long acquisition

class. It effectively eliminates the trade-off between high sample rate and long capture time. This high sample rate is especially important when capturing a mix of signals that are spaced widely apart in time or when you require a long pre-trigger time. This means that the WaveSurfer oscilloscope beats short memory scopes when it comes to the debugging of common circuit problems like clock/data issues and timing errors.

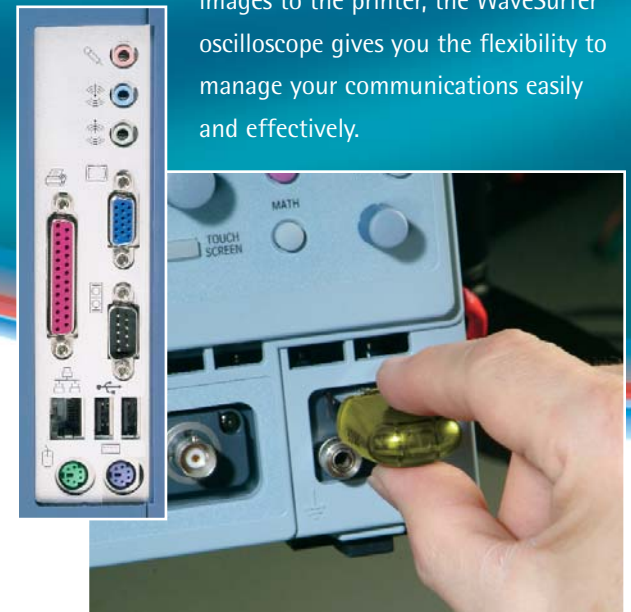


Zoom for detail — sample rate remains high

See more at www.lecroy.com/goto/wavesurfer/capture

Communicate all the ways you want

Your list of connectivity options is extensive — from the front mounted USB port for your memory stick to the standard 10/100Base-T Ethernet port. You can document your work and communicate effectively with your group. Whether you want to save data to the oscilloscope's hard drive, a network drive, email other engineers or send images to the printer, the WaveSurfer oscilloscope gives you the flexibility to manage your communications easily and effectively.



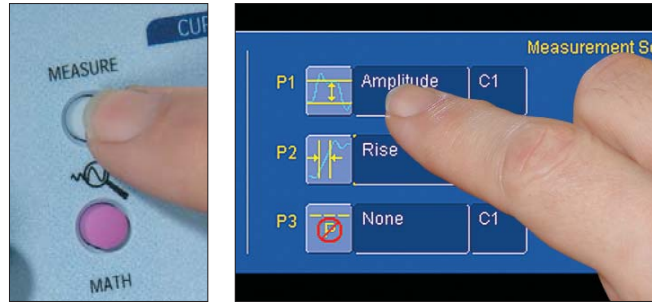
www.lecroy.com/goto/wavesurfer/communication

EXTEND WAVESURFER CAPABILITIES WITH OPTIONAL PACKAGES

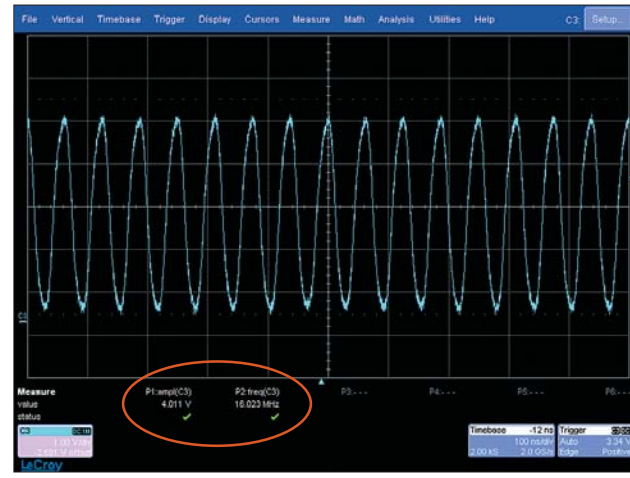
- **Advanced Trigger Package**
Includes Runt, Slew Rate, Qualified Edge, Qualified State, Interval, and Dropout triggers
- **MathSurfer**
Additional math functions, chained math functions, rescaling of units, and enhanced FFT capability.
- **Memory Options**
Up to 1 Mpts/Ch interleaved for a 1ms capture time at full sample rate, or longer capture time at lower sample rates.
- **ET-PMT Electrical Testing**
Transforms your oscilloscope into a dedicated mask testing device for manufacturing and field testing of electrical telecom signals.

One Touch Access to 23 Measurements

The WaveSurfer oscilloscope fits your working style as comfortably as it fits your bench. Twenty-three basic measurements have been built in to give you quick answers.



1. Access the measure menu from the front panel.
2. Select your measurement (and source, as necessary).



3. Measurements appear automatically below the grid and never obscure your signals.

Smooth Cursor Control

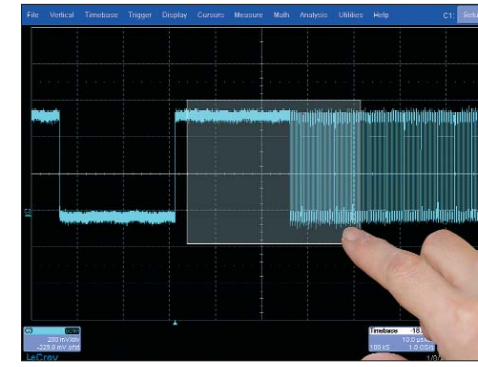
You can use dedicated front panel cursor knobs to position your cursors at any time without invoking special menus. You can quickly choose your cursor by using the "type" button. Apply them to any signal, zoom, or math trace. You won't find an easier to use set of cursors on any other oscilloscope.



www.lecroy.com/goto/wavesurfer/tour

Simple Zooming and Math

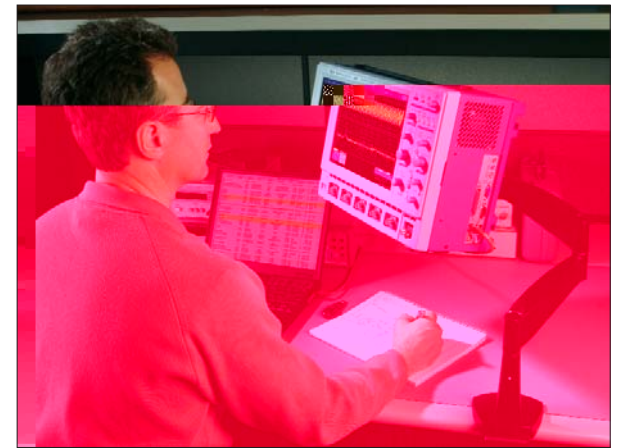
Zooming is so easy with this scope – simply draw a box around the area to be zoomed (or use the front panel QuickZoom button). Waveform math is also built in and easily applied. In addition, a power spectrum FFT is standard. It can be quickly invoked and easily set up, even by someone not familiar with FFTs.



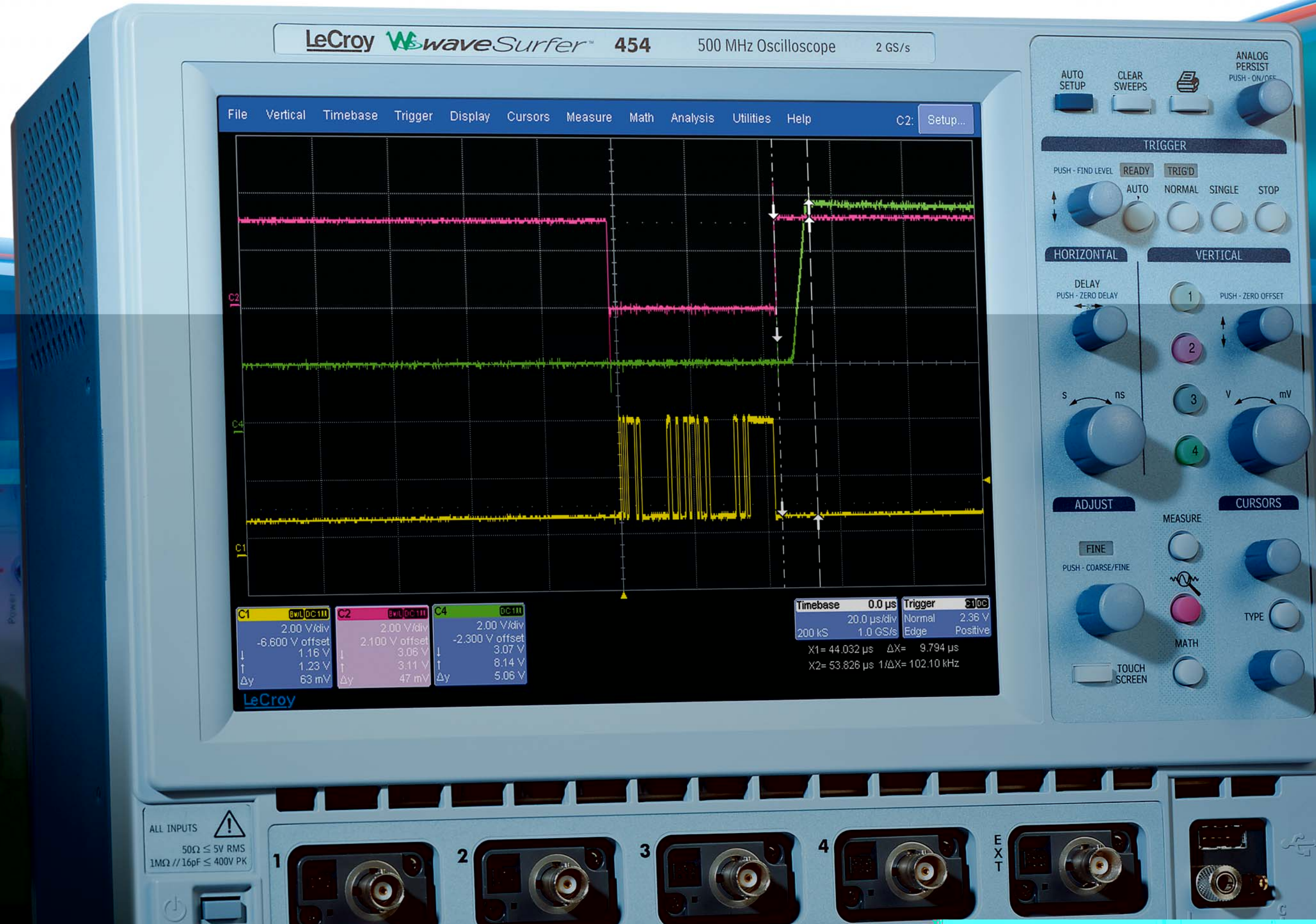
Try our Zero Footprint

The new WaveSurfer desktop clamp style mounting system attaches to the edge of your bench and frees up valuable working space. Viewing positions can be changed easily up to a maximum range of 23" (58 cm). The scope can also be pivoted to achieve the optimal viewing angle. Or purchase just a mounting bracket and provide your own 75 x 75 mm mounting solution.

www.lecroy.com/goto/wavesurfer/display



Desktop clamp style mounting stand available as an accessory.



Shown Actual Size:
260 mm H x 340 mm W x 152 mm D
10.3" H x 13.4" W x 6" D

