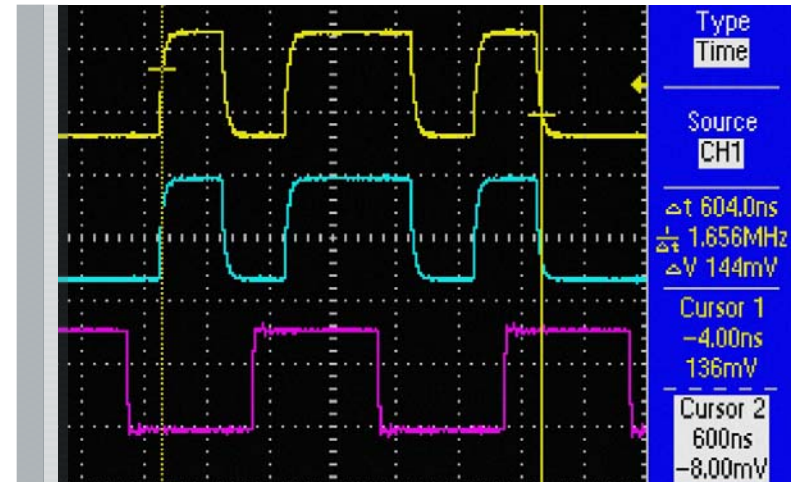


New Product Introduction

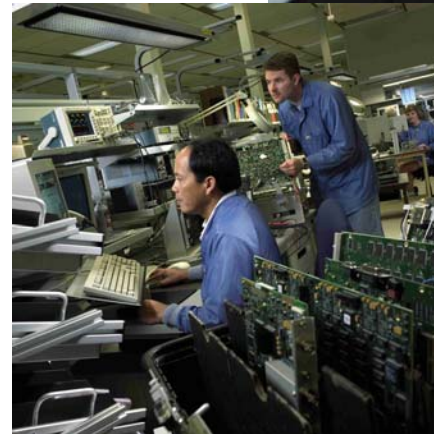
Gina Bonini, Technical Marketing Manager



Tektronix®

Oscilloscopes: Many Uses, Many Places

- Design
 - Debug
 - Verification & Troubleshooting
 - Characterization
- Manufacturing
 - Production test
 - Quality control
- Installation & Repair
 - On-site installation
 - Repair service
- Education
 - Classroom and labs

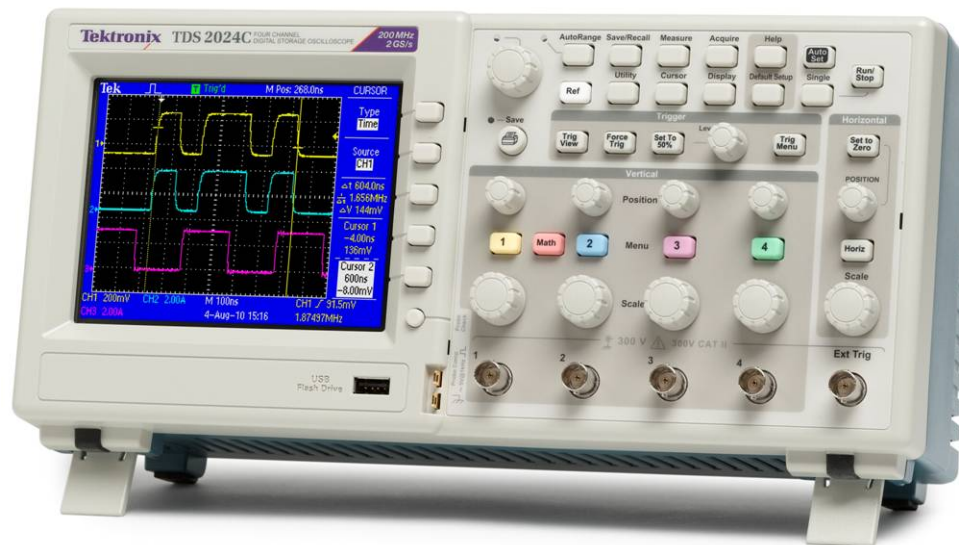


In the classroom or lab, on the manufacturing floor, or in the field, oscilloscopes remain the workhorse for electronics test

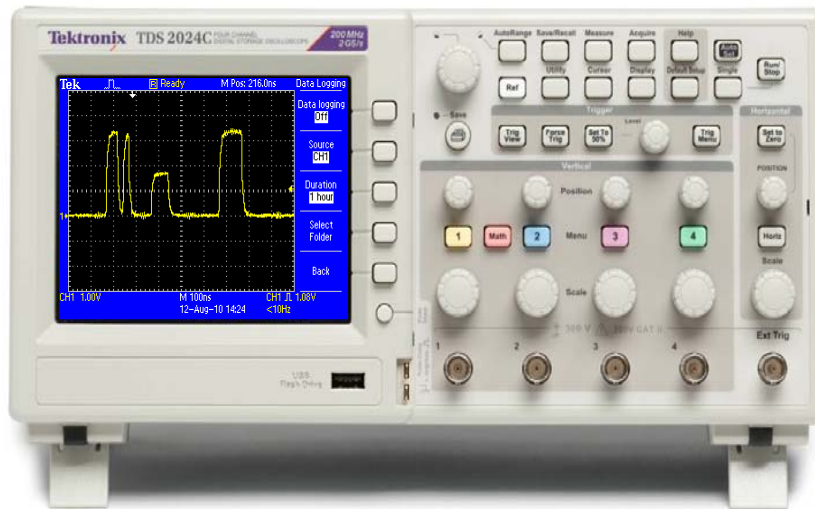
The World's Most Popular Scope

- Over 500,000 TDS Series scopes have shipped worldwide
- Now offering even more performance and functionality

Introducing the TDS2000C Series of digital real-time oscilloscopes



NEW TDS2000C Series Oscilloscopes

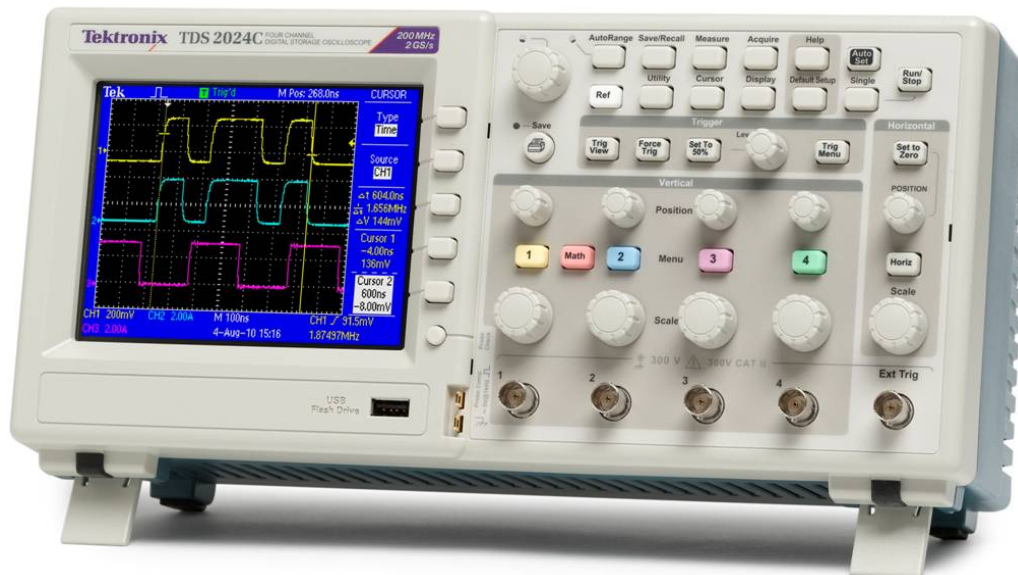


50 MHz to 200 MHz models,
starting at just \$990

Performance You Need at a Price You Can Afford

TDS2000C Series: Top Industry Performance and Capabilities

- **Industry's best** performance with Digital Real-Time Sampling
- **Industry's leading** analysis with many built-in tools
- **Industry's best** connectivity with NI LabVIEW SignalExpress™ software
- **Industry's best** warranty with a Limited Lifetime Warranty

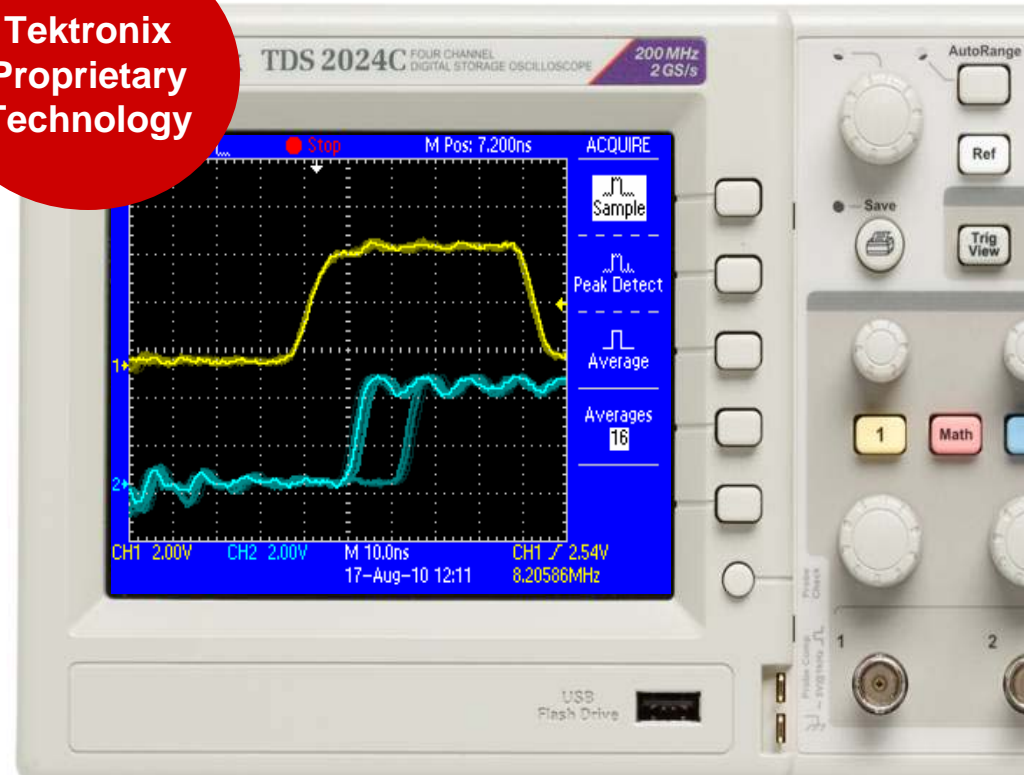


TDS2000C Series
Continuing to lead this class
of scope!

Digital Real-time Sampling

- **10X** oversampling all the time
- No change in sample rate as channels turn on
- Full rated bandwidth on all channels

**Tektronix
Proprietary
Technology**

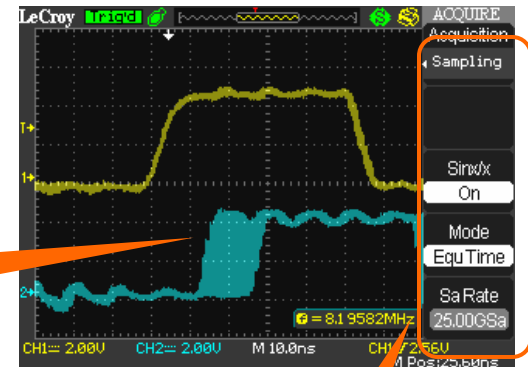
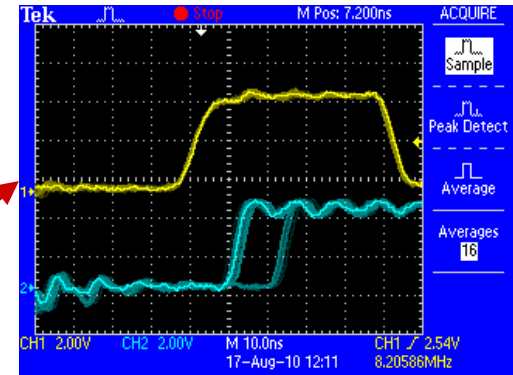


Accurately characterize a wide range of signal types
on all channels simultaneously

Tektronix Performance Advantage

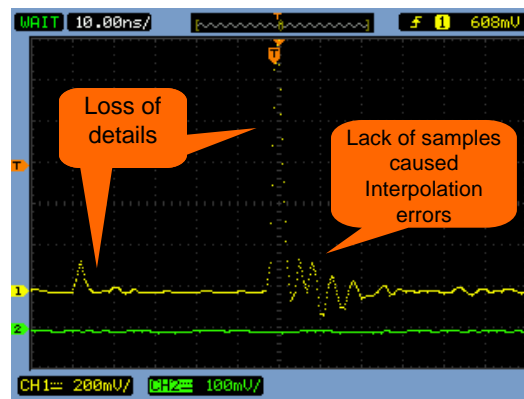
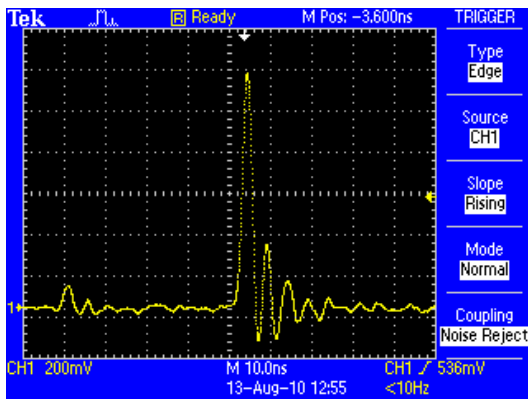
- Identical channel performance
- No loss of signal details
- Better interpolation results
- Superior ease-of use
 - No equivalent time mode
 - No confusing displays
 - No additional menus & readouts

Real Time
All the Time



Confusing display in ET mode

Confusing user setups



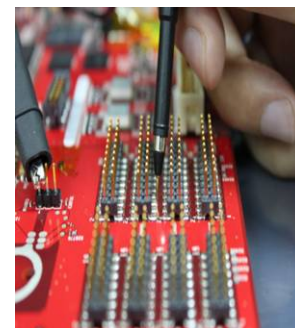
Loss of details

Lack of samples caused interpolation errors

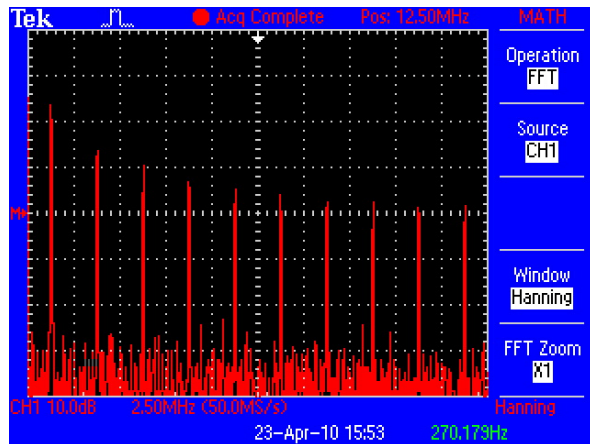
Using additional channels reduces sampling rate

NEW Passive Probes for the TDS2000C Series

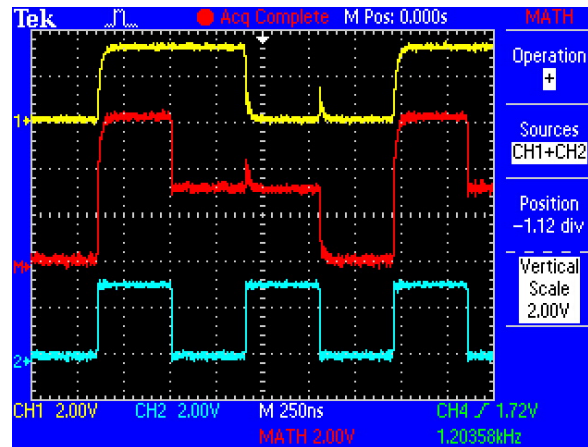
- Reduced Circuit Loading
 - This is typically a #1 ranked requirement by customers
 - Input capacitance is only 12pF
 - **Lowest probe loading in <\$100 passive probe market**
- Small Form Factor
 - Sleeker design (3.8mm probe head)
 - Allows for probing in tight spaces and better visibility of the points being measured
 - **Smallest form factor in <\$100 passive probe market**
- UL Safety Rating
 - **Only probe that meet UL strict guidelines for product safety in <\$100 passive probe market**
- Sharp Tip
 - Has a longer sharper tip to probe the finer geometry parts
- Multi-packs for Maintenance and Education
 - 10-pack and 50-pack available. Reduces price by up to 20% per probe.



Built-In Analysis Tools

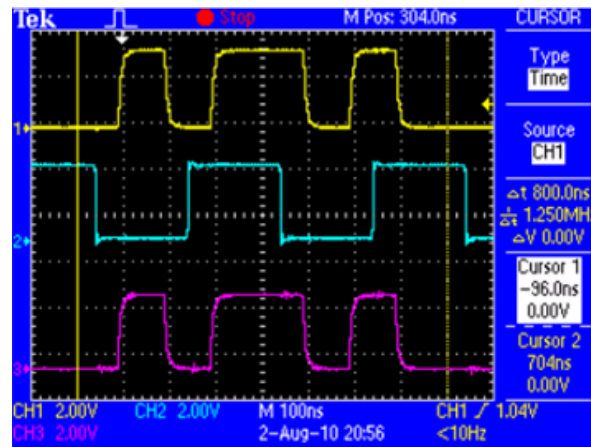


FFT Frequency Spectrum

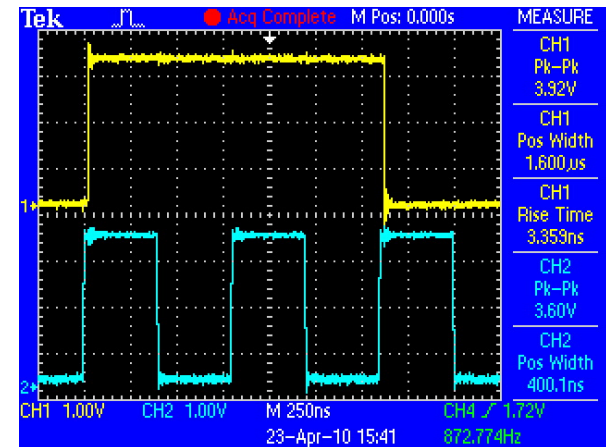


Waveform Math (+, -, x)

Fast and efficient
device analysis



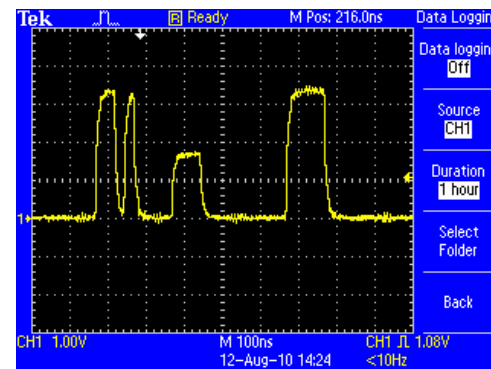
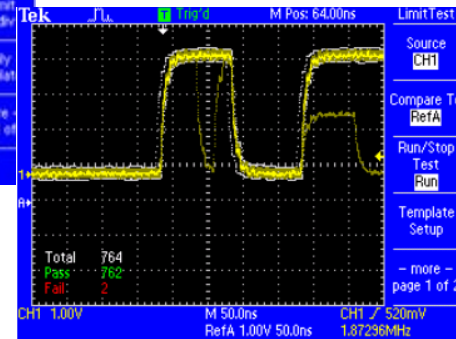
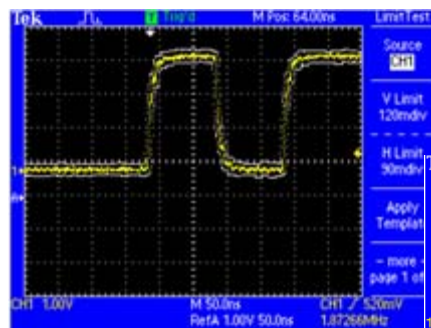
Cursors



NEW 16 Automated Measurements

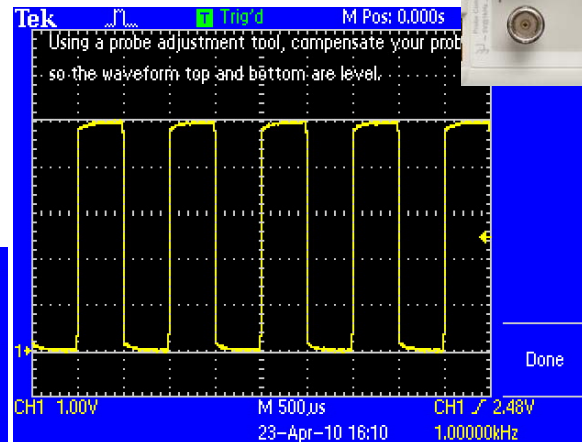
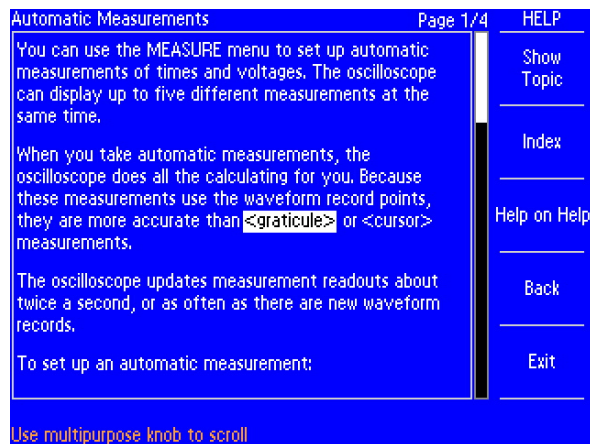
NEW Analysis Features

- Waveform limit test
 - Monitor signal changes and output pass or fail results
 - Quick and easy template definition
 - Record failed waveform to USB device
 - User specified stop condition
- Extended Data logging
 - Save triggered waveforms together with time stamps to USB memory stick within user-defined duration – up to 8 hours



Easy to Setup, Easy to Use

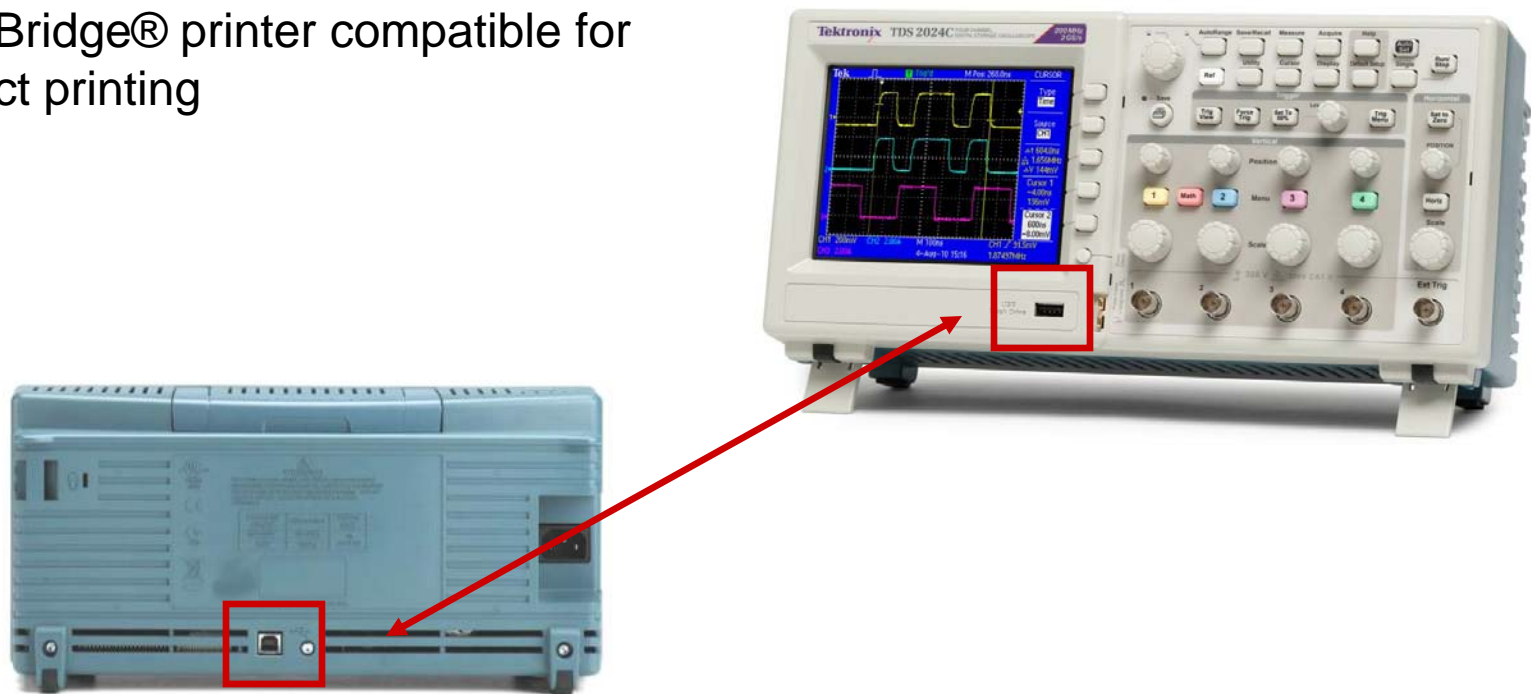
- Dedicated Buttons for Intuitive Operation
- Built-in, Context-sensitive Help Menu
- Probe Check Wizard
- Smart Autoset



Designed to make your work easy

Fast and Easy Connectivity

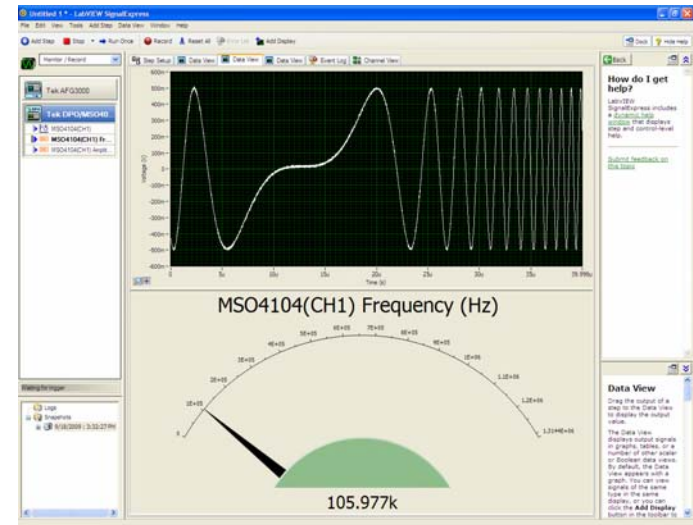
- USB host port for saving waveforms, settings and screenshots
- USB device port for plug-and-play PC connectivity
- PictBridge® printer compatible for direct printing



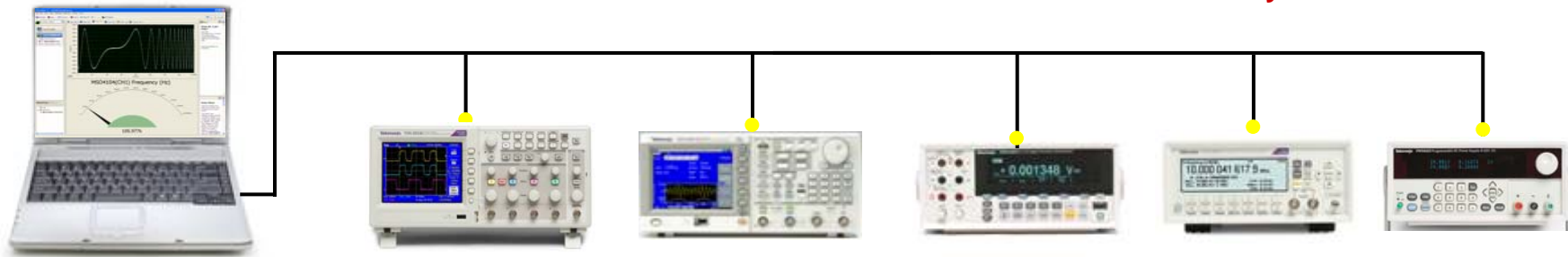
Connect Your Tektronix Bench

Simplify Debug of Complex Devices using Multiple Instruments:

- Control instruments
- Automate complex measurements
- Time-correlate data
- Log data for extended periods of time
- Capture and analyze your results
- Create custom reports
- Export to Excel



**Tektronix Edition of LabVIEW SignalExpress
included standard with every TDS2000C**



First in Class Lifetime Warranty



- Included with every TDS2000C model
- Coverage is for a *minimum* of 10 years
- Covers labor and parts

Customers' Reaction

"If other manufacturers had a similar product at this price, I would be worried about the quality, but not with Tektronix ."

"If a manufacturer can do a lifetime warranty, that shows quality."

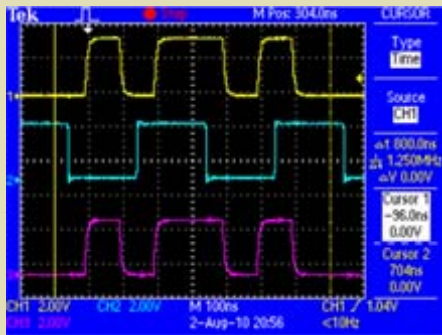
Guaranteed reliability and quality

Oscilloscope: TDS2000C Series Overview

Performance You Need at a Price You Can Afford.

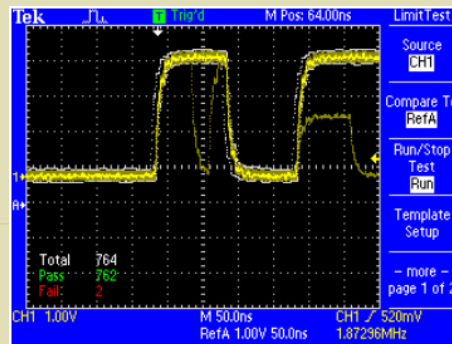


Performance



- Digital Real-Time sampling on all channels, all the time
- Up to 2G Sa/s on each channel, over 10X oversampling
- Flexible triggering
- **NEW** Probing

Analysis



- FFT standard
- Waveform math (+, -, x)
- Screen cursors
- **NEW** Limit test
- **NEW** Data logging
- **NEW** 16 automated measurements

Ease-of-Use



- Dedicated controls
- USB connectivity
- Built-in help menu
- Probe check wizard
- 11 languages supported
- NI SignalExpress included
- Limited Lifetime Warranty

TDS2000C Product Summary

	TDS2001C	TDS2002C	TDS2004C	TDS2012C	TDS2014C	TDS2022C	TDS2024C
Bandwidth	50MHz	70MHz	70MHz	100MHz	100MHz	200MHz	200MHz
Sample rate	500M	1G	1G	2G	2G	2G	2G
Channel	2	2	4	2	4	2	4
Record length	2.5k						
Display	Active TFT Color display, QVGA resolution						
Measurement	16 automatic measurements						
Warranty	Limited Lifetime Warranty						
Limit test	Yes						
Data logging	Yes						
Software	National Instruments LabVIEW SignalExpress, Limited Tektronix Edition						
Price	\$990	\$1,200	\$1,820	\$1,450	\$2,160	\$2,060	\$2,540