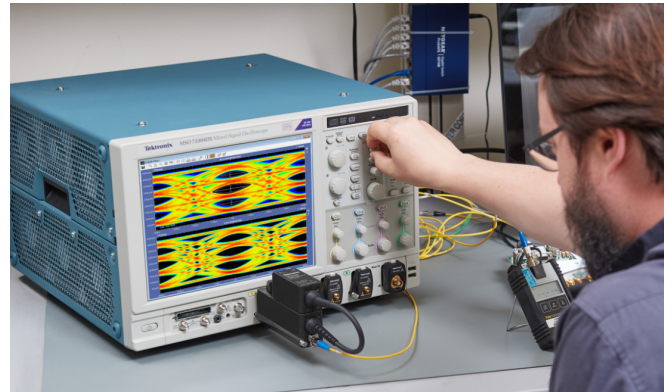
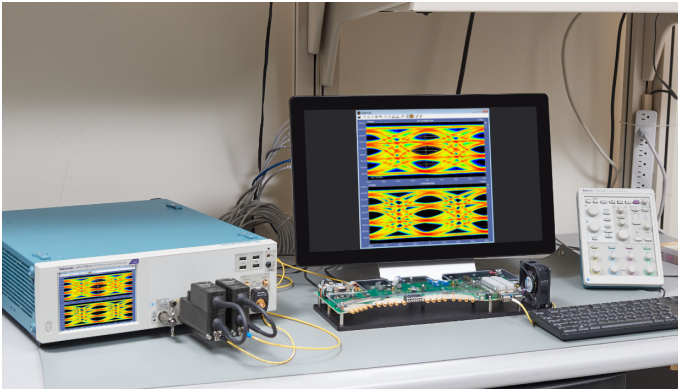


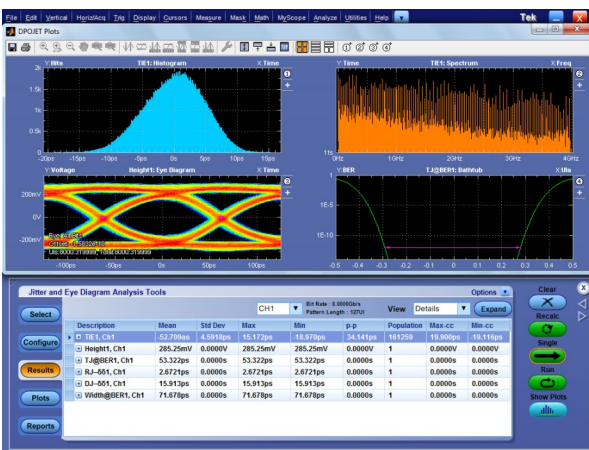
# MSO/DPO70000 & DPO70000SX Performance Oscilloscopes 12.5 GHz to 33GHz C/DX/SX Bandwidth Models

**MORE PERFORMANCE – MORE CAPABILITIES – MORE VALUE**



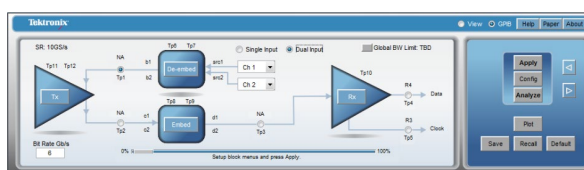
Tektronix class leading High Performance Oscilloscopes are now available with enhanced capabilities and features included as standard. Tektronix DPO/MSO 12.5GHz – 33GHz C, DX and SX models come with the additional following enhancements at no additional cost when purchasing a new instrument.

## 125M Record Length - Advanced Jitter and Eye Analysis Tools



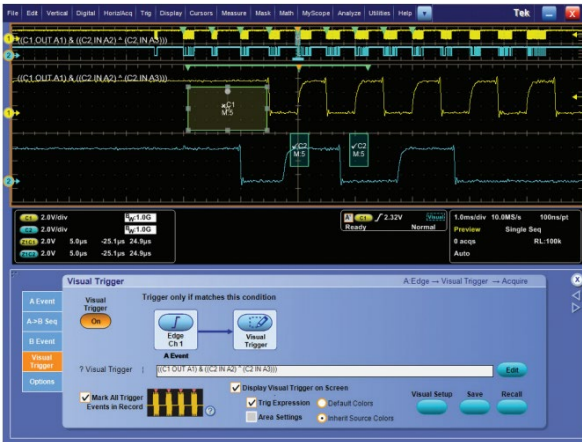
- Automated Jitter and Timing Analysis for analog and digital clocks and data signals
- Multiple measurements and trend plots quickly show system timing under variable conditions, including Random, Deterministic, and Bounded Uncorrelated Jitter separation

## Serial Data Link Analysis Visualizer



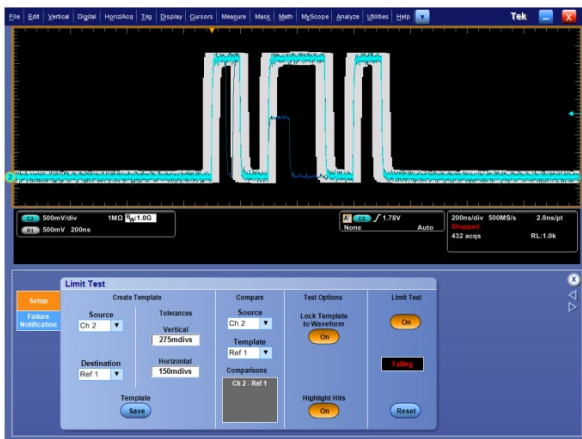
- Removal of losses from cables, probes and adapters
- Equalization for opening-up eyes

## Visual Trigger and Search



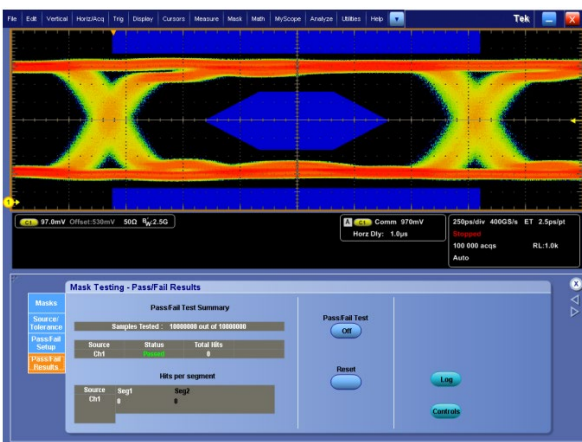
- Graphical definition of trigger criteria
- Identification of the desired waveform events is quick and easy by scanning through all acquired analog waveforms and graphically comparing them to geometric shapes on the display

## Limit Test Application Software



- Conduct Limit Test Pass/Fail Testing against a “Golden” Waveform with tolerances

## Mask Test Application Software



- Perform Pass/Fail Testing against Telecommunication and Computer Standards
- Customized Mask Tests allow for multiple actions upon test failures
- Detailed test statistics provide Insight into true signal behavior

## 8b/10b Serial Trigger




- Provides trigger and decoding features for greater insight when analyzing 8b/10b encoded serial data streams
- Enables users to simultaneously view waveforms, character, and low-level protocol activity, simplifying validation of link-level communications and isolation of data-dependent faults

## Analysis Frame & Bit Error Rate Detector for High Speed Serial Standards

- Convenient built-in BERT capabilities in the scope
- Trigger on PRBS errors
- Real-time hardware Bit Error Rate measurement capability

Option Description	Option Number	Order – No cost
125M Record Length	10XL	✓
Advanced Jitter and Eye Analysis Tools	OPT DJA	✓
Serial Data Link Analysis Visualizer	OPT SDLA	✓
Visual Trigger and Search	OPT VET	✓
Limit Test Application Software	OPT LT	✓
Mask Test Application Software	OPT MTH	✓
8b/10b Serial Trigger and Analysis	Opt. ST6G/ST14G	✓
Frame and Bit Error Rate Detector	OPT- ERRDT/BITERR	✓

Need more help? Talk to us.  Call our expert team five days a week: 00800 2255 4835, [or contact us directly.](#)

