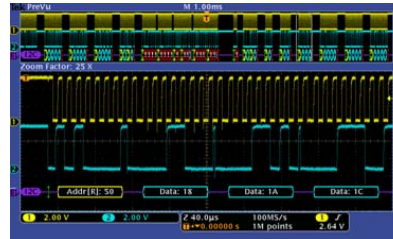


Tektronix DPO3000 Series vs. LeCroy WaveJet Series

Serial Decode and Event Table

Tektronix DPO3000

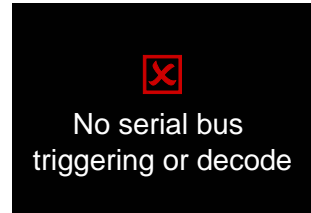
- ✓ **Bus Display** – Provides a higher level, combined view of individual signals that make up your bus.
- ✓ **Bus Decoding** – Decodes each packet on the bus and displays the value in hex, binary, decimal, or ASCII (depending on standard).
- ✓ **Serial Triggering** – Trigger on packet content such as start of packet, specific addresses, and unique identifiers.
- ✓ **Event Table** – View captured packets in a tabular view.
- ✓ **Search** – Use Wave Inspector to automatically search for and mark user-defined events on packet content like specific address, data, and unique identifiers.



Support for I²C, SPI, CAN, LIN, and RS-232/422/485/UART.

LeCroy WaveJet

- ✗ No serial bus triggering or decode offered.
- ✗ No serial search offered.



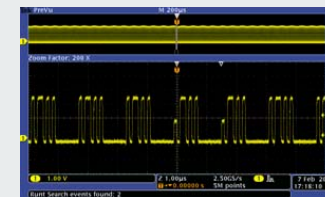
Key Specifications Comparison

	Tektronix DPO3000	LeCroy WaveJet
Channels	✓ 2, 4	✓ 2, 4
Bandwidth	✓ 100, 300, 500 MHz	✓ 100, 200, 350, 500 MHz
Max. Sample Rate (All channels on)	✓ 2.5 GS/s	✗ 1 GS/s
Max. Record Length (All channels on)	✓ 5 M points	✗ 500 k points derated with sweep speed
Input Impedance	✓ 1MΩ, 75Ω, 50Ω	✗ 1MΩ 50Ω (350, 500 MHz only)
Serial Triggering and Decode	✓ I ² C, SPI, CAN, LIN, RS-232/422/485/UART	✗ No serial triggering or decode
Navigation and Search	✓ Wave Inspector®	✗ Zoom, horizontal position No Search

Navigation and Search

Tektronix DPO3000

- ✓ Wave Inspector®
- ✓ Pan/Zoom controls make easy work of scrolling through long records.
- ✓ Play/Pause button scrolls the waveform across the screen automatically.
- ✓ Search/Mark controls enable you to search for events of interest, mark them, then navigate through the record mark by mark.



LeCroy WaveJet

- ✗ Only uses horizontal scale knob to zoom.
- ✗ Manual scrolling of horizontal position to scroll through data.
- ✗ No search capability.

