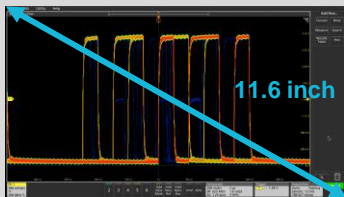


4 Series MSO vs. MDO4000C Series

COMPARISON FACT SHEET

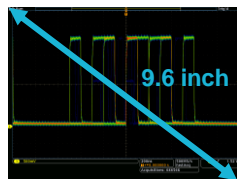
Screen Size and Waveform Viewing Area

4 Series MSO



13.3" HD 1920 x 1080

MDO4000C Series



10.4" VGA 1024 x 768

Option/Upgrade Licenses

4 Series MSO

Licenses installed via software

MDO4000C Series

Licenses installed through application modules

Spectrum Analysis

4 Series MSO

Max frequency up to the bandwidth of the scope

Dynamic range ~ 50 dB

MDO4000C Series

Max frequency up to 3 or 6 GHz

Dynamic range ~ 65 dB

Input Channels

4 Series MSO

4 or 6 FlexChannel® inputs + 1 Aux In

Any input may be used for analog, digital, or spectrum analysis up to the bandwidth of the scope

MDO4000C Series

4 TekVPI inputs +16 digital on MSO models + 1 RF

A decision must be made between having Aux In or the RF channel

Next-Generation User Interface

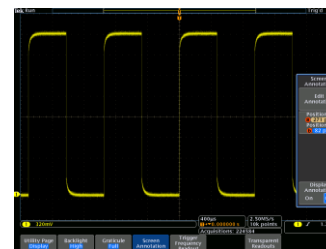
4 Series MSO

- **Pinch, swipe, tap capacitive touchscreen**
- Change position or scale by pinching or dragging, or with knobs
- To change settings, just **double tap the readout**



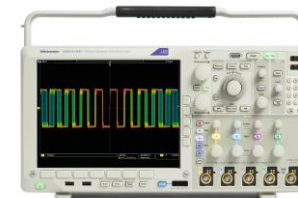
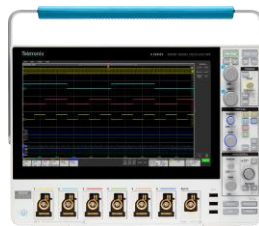
MDO4000C Series

- Front panel buttons with bottom- and side-bezel buttons
- Change position or scale with knobs
- To change settings, press the front-panel button. Use bezel buttons to change settings



4 Series MSO vs. MDO4000C Series

COMPARISON FACT SHEET



Key Specifications Comparison

| | Tektronix 4 Series MSO | Tektronix MDO4000C Series |
|---------------------------------------|--|---|
| Bandwidth | 200 MHz, 350 MHz, 500 MHz, 1 GHz, 1.5 GHz | 200 MHz, 350 MHz, 500 MHz, 1 GHz |
| Analog Channels | 4 or 6 | 4 |
| Digital Channels | Up to 48 | 16 |
| Inputs | FlexChannel® | TekVPI |
| Sample Rate (All Channels) | 6.25 GS/s | Up to 5 GS/s |
| Waveform Capture Rate | > 500,000 wfms/s | > 340,000 wfms/s |
| Vertical Resolution | 12-bit | 8-bit |
| Display | 13.3 in, 1920 x 1080, Capacitive Touch | 10.4 inch, 1024 x 768 |
| Record Length | 31.25 Mpts (standard); 62.5 Mpts (optional) includes FastFrame segmented memory | 20 Mpts |
| Serial Analysis | I ² C, SPI, RS-232/422/485/UART, CAN, CAN FD, LIN, FlexRay, I2S, LJ, RJ, TDM, 10BASE-T, 100BASE-TX, USB2.0 LS/HS/FS, MIL-STD-1553, ARINC 429, I3C, SENT, SPMI, SpaceWire | I ² C, SPI, RS-232/422/485/UART, CAN, CAN FD, LIN, FlexRay, I2S, LJ, RJ, TDM, 10BASE-T, 100BASE-TX, USB2.0 LS/HS/FS, MIL-STD-1553, ARINC 429 |
| Triggering | 11 standard triggers including Visual Trigger | 11 standard triggers including Video |
| Spectrum Analysis | Spectrum View (Optional) | 3 or 6 GHz HW Spectrum Analyzer (Optional) |

