

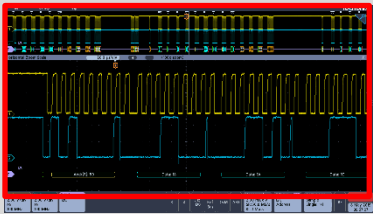
3 Series MDO vs. MDO3000 Series

COMPARISON FACT SHEET

Screen Size and Waveform Viewing Area

3 Series MDO

11.1" waveform viewing area



11.6" **67% more area**
HD 1920 x 1080 **More than 2X**

MDO3000 Series

8.3" waveform viewing area



9"
VGA 800 x 480

Lower-Noise Pre-amp - Random Noise

3 Series MDO (typical)

100 MHz 98 μ V
200 MHz 111 μ V

MDO3000 Series (typical)

161 μ V
178 μ V

New Industrial Design

Probe-friendly
channel
spacing

Small
footprint



LED function
indicators

3 USB host +
HDMI ports

No-collapse
feet

Next-Generation User Interface

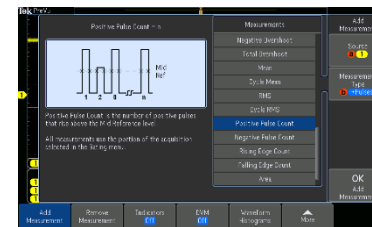
3 Series MDO

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



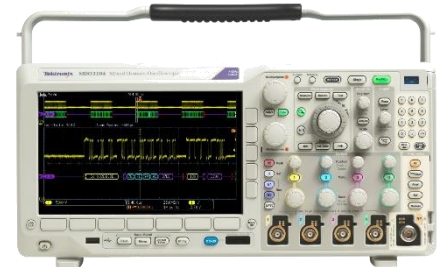
MDO3000 Series

- 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



3 Series MDO vs. MDO3000 Series

COMPARISON FACT SHEET



Key Specifications Comparison

	Tektronix 3 Series MDO	Tektronix MDO3000 Series
Channels	2 or 4	
Bandwidth	100, 200, 350, 500 MHz or 1GHz, upgradable	
Max. Analog Channel Sample Rate (All channels on)	2.5 GS/s or 5 GS/s	
Max. Record Length (All channels on)	10 Mpoints	
Digital Channels	16 (optional)	
Integrated Spectrum Analyzer	RF hardware based 9 KHz to 1 GHz or 3 GHz (optional)	RF hardware based 9 KHz to 3 GHz (optional)
Integrated Arbitrary Waveform Generator	50 MHz (optional)	
Serial Trigger and Analysis	Optional: I ² C, SPI, RS232/422/485/UART CAN, CAN-FD, LIN, FlexRay, MIL-STD-1553, I ² S/LJ/RJ/TDM, USB	
Display Size	11.6-inch	9-inch
Capacitive multi-gesture touchscreen	Yes	No
Display Resolution	HD 1920 x 1080	VGA 800 x 480
I/O Ports	USB 2.0: 3 host ports + 1 device port LAN HDMI Video	USB 2.0: 2 host ports + 1 device port LAN VGA Video
Footprint	85 in ²	95 in ²