

Each model has separate features that make it different from the other two models.

**The HP 54501A features:**

- Repetitive Bandwidth - dc to 100 MHz
- Single Shot Bandwidth - dc to 1 MHz
- Maximum Vertical Sensitivity - 5 mV/div
- Sample Rate - 10 MSa/s
- Number of Channels - 2 + 2
- Memory Depth - 1K/channel

**The HP 54502A features:**

- Repetitive Bandwidth - dc to 400 MHz
- Single Shot (Realtime) Bandwidth - dc to 100 MHz
- Maximum Vertical Sensitivity - 2mV/div
- Maximum Sample Rate - 400 MSa/s
- Number of Channels - 2
- Memory Depth - 2K/channel
- External Trigger - 1 channel

**The HP 54503A features:**

- Repetitive Bandwidth - 500 MHz
- Single Shot Bandwidth - dc to 2 MHz
- Maximum Vertical Sensitivity 1 mV/div
- Maximum Sample Rate - 20 MSa/s
- Number of Channels - 4
- Memory Depth 1K/channel

Complete specifications and characteristics are listed in appendix *Front-Panel Reference* for each oscilloscope model.