

Difference between CRO and DSO

Elementrix Classes

Difference between CRO and DSO

Feature	Cathode Ray Oscilloscope (CRO)	Digital Storage Oscilloscope (DSO)
Display	Analog CRT display	Digital LCD or LED display
Signal Display	Continuous waveform	Digital waveform with discrete samples
Memory	No storage capability	Onboard memory for waveform storage
Data Representation	Analog waveform	Digital waveform with data points
Triggering	Limited triggering options	Versatile triggering options

Measurement Tools	Basic manual measurements	Built-in measurement functions
Storage and Capture	Cannot store waveforms	Can capture and store waveforms
Data Manipulation	No data manipulation capabilities	Advanced data analysis and manipulation
Probes	Analog probes	Digital probes with compensation
Applications	Limited to analog signal analysis	Suitable for digital and analog signals

Cost	Generally lower cost	Generally higher cost
Size and Portability	Typically larger and heavier	Compact and portable
Maintenance	Analog components may require calibration	Digital components may require updates

पढ़िए और पढ़ाइये

SUBSCRIBE, SHARE, COMMENT