



Tektronix TDS520 General Information

Product Description:

Oscilloscope, Digital: 500MHz,500MSa/s,2ch (Stand alone)

Tektronix TDS520 Performance Characteristics

Form Factor	Benchtop
Bandwidth	500 MHz
Number of Channels	2 ch
Simultaneous Channels	2 ch
Simultaneous Maximum Sampling Rate/ch	250 MSa/s
One ch. only max. sampling rate	500 MSa/s
Max. Record Length	15000 pt/sec
Min. Vertical Sensitivity	1 mV/div
Maximum Vertical Sensitivity	10 V/div
Rise time	700 ps
Number of Bits	8 bits
Input Impedance	1 MOhm
Input Impedance (alternate)	50 Ohm
Input Coupling	AC,DC,GND
Maximum Input Voltage	400 Vrms
Main time base - lowest	500 ps/div
Main time base - highest	10 s/div
Timebase accuracy	0.0025 %
Trigger Source	Internal
Trigger Modes	Auto,Edge,Logic,Normal,Pulse,Single
Minimum Glitch Trigger	2 ns
Display Size	17.78 cm
Display modes	Dot,Persistence,Vector
Display Update Rate	200 wv/sec

Tektronix TDS520 Programmability/Connectivity

User Interface	Proprietary
Ports to Peripheral Devices	GPIB
Test Pattern Storage	10 Patterns

Novram data storage	Yes
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Tektronix TDS520 AppNotes

[The XYZ's of Oscilloscopes](#)

Tektronix TDS520 Compliance

CE Compliance	Not on file
UL Compliance	Compliant

Tektronix TDS520 Power Requirements

Input Power	Universal (Auto Sense and Switch)
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Tektronix TDS520 Physical Dimensions

Width	445 mm(17.51 in)
Height	193 mm(7.59 in)
Length	432 mm(17 in)
Weight	12.3 kg(27.11 lb)