



Performance Characteristics of the TDS544A

Form Factor	Benchtop
Bandwidth	500 MHz
Number of Channels	4 ch
Simultaneous Channels	4 ch
Simultaneous Maximum Sampling Rate/ch	250 MSa/s
One ch. only max. sampling rate	1 GSa/s
Max. Record Length	15000 pt/sec
Min. Vertical Sensitivity	1 mV/div
Maximum Vertical Sensitivity	10 V/div
Channel to Channel Delay	250 ps
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	0.025 %
Trigger Source	External,Internal
Trigger Modes	Auto,Edge,Logic,Normal,Pulse,Single
Minimum Trigger Holdoff	16 ns
Minimum Glitch Trigger	4 ns
Display Type	Color LCD
Display Size	17.78 cm

Display modes	Dot,Persistence,Vector
Display Update Rate	200 wv/sec

Programmability/Connectivity of the TDS544A

User Interface	Proprietary
Ports to Peripheral Devices	Centronics,GPIB
Test Pattern Storage	10 Patterns
Novram data storage	Yes
Data Storage Type	FDD
Programming Language	GPIB
External Video Out	Yes

TDS544A AppNotes

- [The XYZ's of Oscilloscopes](#)

TDS544A Compliance

CE ComplianceCompliant

UL ComplianceCompliant

TDS544A Power Requirements

Input PowerUniversal (Auto Sense and Switch)

TDS544A Physical Dimensions

- Width: 445 mm(17.51 in)
- Height: 236 mm(9.29 in)
- Length: 432 mm(17 in)
- Weight: 12.3 kg(27.11 lb)

Options for TDS544A

Option	US List Price
05 / VIDEO TRIGGER HDTV ENHANCED VID	\$1,495
1C / TELCOM TEMPLATE TELECOMMUNICATI	\$499
1K / Model K420 Instrument Cart	\$730
1R / Rackmount Kit	\$400
23 / Add 2 P6205 Active probes	\$1,190

25 / ADD 4 SMD PROBE P6563AS 20X 500	\$800
2P / Tek Phaser 200e Color Printer	\$2,695
4D / Delete 4 each standard probes	No Charge
95 / CAL DATA REPORT TEST DATA	\$150
96 / CERTIFICATE OF CALIBRATION	\$50

TDS544A Standard Accessories

- 063-2619-00 /Programmers Disk /Qty:1
- 070-8709-06 /Programmer Manual /Qty:1
- 070-8710-01 /User Manual /Qty:1
- 070-8712-01 /Technical Reference /Qty:1
- P6139A /500MHz Passive probes /Qty:4
- 070-8711-01 /Reference Card /Qty:1