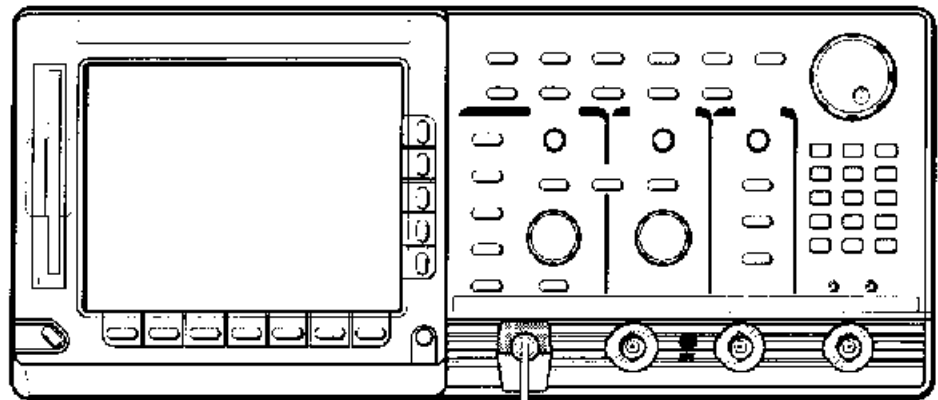


Product Description



Your Tektronix digitizing oscilloscope is a superb tool for acquiring, displaying, and measuring waveforms. Its performance addresses the needs of both benchtop lab and portable applications with the following features:

- 500 MHz maximum analog bandwidth.
- 1 Gigasample/second maximum digitizing rate (TDS 540A & 544A); 500 Megasamples/second maximum digitizing rate (TDS 520A & 524A).
- Four-channel acquisition — the TDS 544A & 540A offer four full-featured channels; the TDS 520A & 524A offer two full-featured channels and two channels with limited vertical scale selections: 100 mV, 1 V, and 10 V.
- Waveform Math — Invert a single waveform and add, subtract, multiply, and divide two waveforms. On instruments with Option 2F: Advanced DSP Math (standard on the TDS 524A & 544A), integrate or differentiate a single waveform or perform an FFT (fast fourier transform) on a waveform to display its magnitude or phase versus its frequency.
- Eight-bit digitizers.
- Up to 15,000-point record length per channel (50,000-point optional).
- Full GPIB software programmability. Hardcopy output using RS-232 or Centronics ports (Optional on TDS 520A & 540A) and the GPIB.
- Complete measurement and documentation capability.
- Intuitive graphic icon operation blended with the familiarity of traditional horizontal and vertical knobs.
- On-line help at the touch of a button.

