

### Data Sheet

### Model 5105B 150MHz (1GS/s) Analog/ Digital Oscilloscope

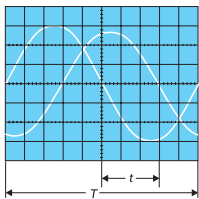
The model 5105B is a 150 MHz (1GS/s) Analog/Digital Storage Oscilloscope. It is a high performance 150MHz analog oscilloscope with the capability to digitize and store waveforms with its 1GS/s A/D Converters. After the digital acquisition the data can be manipulated and displayed for examination.

The digital capabilities offer the ability for one shot events, you can see what happened before the trigger. After acquisition, the data can be manipulated and displayed in many different ways. You can change time base or vertical position. You can select which portion of a waveform you'd like to look at in more depth. You can compare the measured waveform to a "known good" waveform in memory.

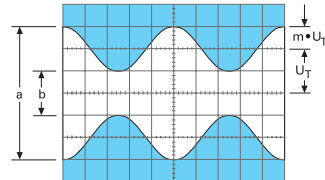
- 1GS/s Real time sampling
- Auto set
- Save/recall
- Readout cursors
- Time base 50s to 5ns
- 8-Bit low noise flash A/D converters
- Pre and post trigger – 100% to +400%
- Acquisition modes: Single Event, Refresh, Average, Envelope, Roll, Peak-Detect
- RS-232 Interface



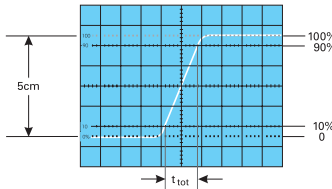
**Phase Measurement**



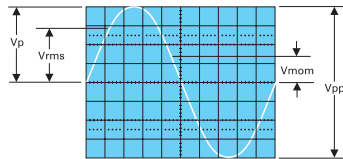
**AM Modulation**



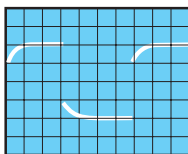
**Rise Time**



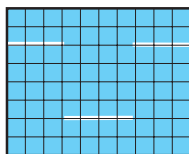
**Sin Wave Signal**



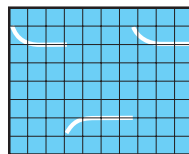
**Pulse Wave**



Without BNC



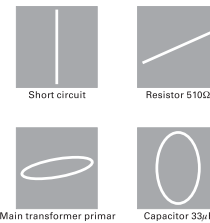
With BNC



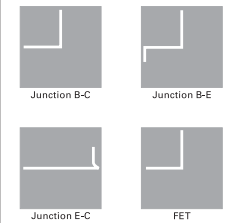
Without BNC

### Component Test

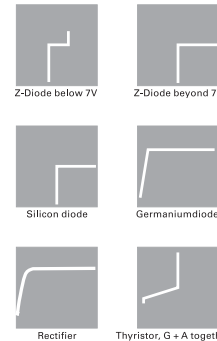
Single components



Single Transistors



Single Diodes



In-circuit Semiconductors

