

APLAB 3305S 20MHz Dual Trace Oscilloscope



Features

- ★ DC - 20MHz Bandwidth
- ★ 1mV/div Sensitivity on Both Channels
- ★ CH1, CH2 (Independent Channels), CH1 & CH2 (Alternate / CHOP), CH2 INVT, ADD and SUBTRACT
- ★ X-Y Operation
- ★ 40ns/div to 0.2s/div Time Base
- ★ 140mm Rectangular CRT with Internal Graticule
- ★ Triggering to 40MHz
- ★ Z Modulation (TTL Level)
- ★ 8 x 10 cm Display
- ★ TV Triggering Frame (V) & Line (H)
- ★ Line Trigger
- ★ Component Tester

Specifications

VERTICAL DEFLECTION

Deflection Coefficient (CH1 & CH2)	: 1mV/div to 20V/div. 5mV/div to 20V/div in 12 calibrated steps in 1-2-5 sequence. x5 magnification increases sensitivity to 1mV/div and 2mV/div (LED indication).
Accuracy	: $\pm 3\%$.
Bandwidth	: DC - 20MHz (-3dB), dc coupled. 10Hz - 20MHz (-3dB), ac coupled. DC - 28MHz (-6dB).
Rise Time	: 17.5nsec or less.
Display Modes	: CH1, CH2, CH1 & CH2 Alternate or Chop mode & X-Y, CH1-Y, CH2-X, Algebraic ADD and SUBTRACT with CH2-INVT.
Input Impedance	: 1M ohms & 25pF (approx).

Maximum Input Voltage : 500 Volts (dc + peak ac).

Internal Trigger Signal : CH1 or CH2.

TIME BASE

Sweep Speed	: 18 calibrated steps. 0.5 μ S/div to 0.2S/div in 1, 2 & 5 sequence.
Sweep Magnifier	: x5 Magnification extends the sweep speed to 100nS/div. x5 Magnification indication with LED.
Accuracy	: $\pm 3\%$.
Variable	: Uncalibrated continuously variable control between steps, extends fastest sweep speed to 40nS/div (approx). (Uncal LED indication).