

10MHz, Single Trace Oscilloscope



Features

- ★ DC to 10MHz Bandwidth
- ★ 5mV/div Sensitivity
- ★ 0.1s/div to 100ns/div Time Base
- ★ X-Y Operation
- ★ Auto or Normal Trigger Selection
- ★ Triggering upto 15MHz
- ★ 8 x 10 div Display (1 div = 0.6 cm)
- ★ 3 inch Round CRT
- ★ Portable
- ★ Line Trigger
- ★ TV Trigger
- ★ Trigger Lock Facility

Specifications

VERTICAL DEFLECTION (Y)

Deflection Coefficient	: 5mV/div to 5V/div in 10 calibrated steps in 1-2-5 sequence.
Accuracy	: $\pm 5\%$.
Bandwidth	: DC - 10MHz (-3dB), dc coupled. 10Hz - 10MHz (-3dB), ac coupled.
Rise Time	: 35ns or less.
Input Impedance	: 1M Ω & 30pF approx.
Maximum Input Voltage	: 400 Volts (dc + peak ac).

TIME BASE

Sweep Speed	: 19 Calibrated Steps 0.1s/div to 0.1 μ s/div.
Accuracy	: $\pm 5\%$.
Variable	: 2.5:1 approx. Uncalibrated continuously variable control between steps, extends slowest sweep speed to 0.25s/div.

TRIGGER SYSTEM

Trigger Mode	: Automatic or Normal with Level Control, Level Lock.
Source	: Internal or External, LINE, TV.
Trigger Sensitivity	:
Internal	: Auto 1 div - 50Hz to 15MHz. Normal 1 div - 10Hz to 15MHz.
External	: Auto 0.2Vp-p - 50Hz to 20MHz. Normal 0.2Vp-p - 10Hz to 20MHz. (Typical 0.3V - 30MHz).

X-Y MODE

Deflection Coefficient	: 0.2V/div.
Accuracy	: $\pm 10\%$.
Bandwidth	: 10Hz - 1MHz (-3dB).
Input Impedance	: 1M Ω & 30pF approx.

GENERAL INFORMATION

Cathode Ray Tube	: 3 inch Round Mono accelerator flat face, P31 phosphor, 8 x 10 div (1 div = 6mm) display area. Accelerating Potential : 1.5 KV.
Trace Rotation	: CRT orientation allows $\pm 5^\circ$ of Trace adjustment.
Power	: 230V $\pm 10\%$, 47-65Hz, 30VA.

Dimensions

: 110 (H) x 225 (W) x 320 (D) mm.

Weight

: 4 Kgs. (approx).

Standard Accessories

: Instruction manual, Mains Cord, BNC to Crocodile Cable.

Optional Accessories

: High impedance switch probe with x1 or x10 Attenuation.

All accuracies claimed at 25°C.

WE PURSUE A POLICY OF CONTINUOUS DEVELOPMENT AND PRODUCT IMPROVEMENT. THUS THE SPECIFICATIONS IN THIS DOCUMENT AND THE LOCATION OF CONTROLS ON THE FRONT PANEL MAY BE CHANGED WITHOUT NOTICE.



Test & Measurement Instruments

APLAB LIMITED

APLAB HOUSE, A-5, WAGLE ESTATE, THANE 400 604. INDIA. TEL : 25821861 FAX : 91-022-2582 3137
EMAIL : tmisales@aplab.com WEBSITE : www.aplab.com

- **BANGALORE** Tel. : 080-23576001 to 07 Fax : 23576008 E-mail : aplabblr@aplab.com
- **CHENNAI** Tel. : 044-26680472, 26680477 Fax : 26680473 Email : aplabchn@aplab.com
- **KOLKATA** Tel. : 033-22455435, 22848834 Fax : 22454294 Email : aplabcal@aplab.com
- **MUMBAI** Tel. : 022-29201787, 29204642, 29203468 Fax : 29209066 Email : aplabwr@aplab.com
- **NEW DELHI** Tel. : 011-23515183/86, 23627467 Fax : 23634709 Email : aplabnd@aplab.com
- **SECUNDERABAD** Tel. : 040-27811012, 27843351, 27720339 Fax : 27897788 Email : aplabsec@aplab.com