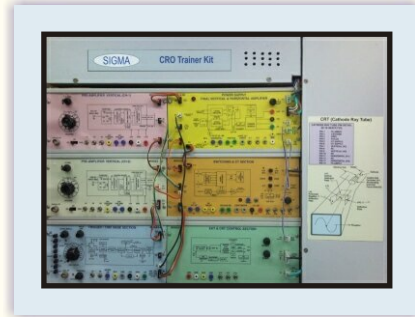




C.R.O. TRAINER

MODEL - CRODM100

The trainer provides complete setup for the practical and experimental knowledge Of a general circuit of CRO with fault creating facility.



SPECIFICATIONS

- Operating Modes : CH I and II Alternate or Chopped (at 100 KHz),X-Y operation : 1 : 1
- Vertical Deflection : (Both Channels)
Band Width : DC-20MHz (-3dB)
Rise Time : 17.5 nSec.
Deflection Co-efficient : 12 steps, 5mV/cm to 20V/cm in 1-2-5 sequence
Accuracy : $\pm 3\%$
Input Impedance : 1M ohm || 30 pf.
Input coupling : DC AC GND
Maximum Input : 350V (DC+ Peak AC)
- Time Base :
Time coefficient : 18 steps, 0.5 μ s/cm to 0.2s/cm in 1-2-5 sequence with Magnified x5 to 100n/Sec/cm with variable to 40nSec/cm.
Accuracy : $\pm 3\%$
Sweep output : 5V pp
- Trigger System
Modes : Auto or variable.
Source : CH I or CH II, External
Slope : + ve or ve
Coupling : AC, TV frame
Sensitivity : Internal 0.5cm and external 1 V
Trigger Bandwidth : 30MHz.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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Dealer:-

5. Horizontal Deflection
 - Bandwidth : DC -2MHz (-3dB)
 - XY Mode : Phase shift < 5° at 50KHz
 - Deflection Coefficient : 12 calibrated steps, 5mV/cm to 20V/cm
 - Input impedance : 1M ohm || 30pf.
6. Component Tester
 - Test Voltage : Max. 8.6V rms.
 - Test Current : Max. 8mA rms.
 - Test Frequency : 50Hz.
7. Display
 - Cathode Ray Tube : 140mm rectangular tube with internal graticule, P31 Phosphor.
 - Accelerating Voltage : 2KV
 - Display : 8x10cms.
 - Trace Rotation : Adjustable
8. Calibrator
 - Waveform : Square wave of 1KHz (Approx) 0.2V ± 1%
 - Z Modulation : TTL level.
 - Mains Voltage : 230V ± 10%, 50Hz AC
9. Standard Accessories : Mains cord, BNC to BNC probes (02 Nos.)
Probe Tip Cable, Test probe, Switchable probe x1-x10 (02 Nos),
10. Instructional and experimental manual.