Product Name :	Product Code :
Oscilloscope Demonstrator Trainer	Consumer0011

Description :

Oscilloscope Demonstrator Trainer

Technical Specification :

Oscilloscope Demonstrator Trainer

Oscilloscope Demonstrator Trainer is specifically designed for the study of working of an oscilloscope in an open form. The Controls are placed actually at the place as they are in the layout schematic. Thus a trainee can easily locate any section, & components in the section and study it thoroughly. The function controls and the adjustment controls are fully accessible to the trainee to verify their effect on the working of the scope.

Features

- Oscilloscope in open form with all components and controls placed on single PCB
- Amplifier, Time base, Channel section signal available on test points
- Separate sections for PS, EHT, VA, HA, TB & Trigger for easy identification
- Fault creation & rectification provided
- Track printing with different colours on different sections on component board for easy circuit training
- Legend Printing on PCB for easy identification of components
- Can be used as a standard 20 MHz Dual Trace Oscilloscope

Specifications :

Operating Modes :

- Channel I, Channel II, Channel I & II Alternate or chopped, Controls
- provided on PCB. Channel selection signals available at Test points. X-Y
- operation 1:1

Vertical deflection (Y) :

- Identical channels
- Bandwidth : DC-20 MHz (-3 dB)
- Risetime : 17.5 ns (approx.)
- Deflection coefficients : 12 calibrated steps 5 mV / cm – 20 V / cm (1-2-5 sequence)
- Accuracy : ±3 %
- Input Impedance : 1 MW II 30 pF
- Input coupling : DC – AC – GND
- Maximum Input voltage : 350 V (DC + Peak AC) Pre-Amp, Final Amp Outputs at Test Points

Timebase :

- Time
  coefficients : 18 calibrated steps, 0.5 ìs / cm – 0.2 s / cm (1-2-5
  sequence) with magnifier x 5 to 100 ns / cm, with variable control to 40
  ns / cm

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