



CURVE TRACER (SEMICONDUCTOR DEVICES)

OMEGA TYPE CST-100

OMEGA TYPE CTS-100 CURVE TRACER is a state-of-the-art testing equipment. Dynamic V-I characteristics of a wide range of semiconductor devices - NPN & PNP Transistor, FET, SCR, UJT, Diode, Zener Diode and LED can be displayed on an oscilloscope. The automatic features are the result of sophisticated internal circuitry based on CMOS and linear integrated circuits. The test procedure is fast and simple. Two inputs are provided to enable comparison of two similar devices. Equipment manufacturers can utilize the instrument for comparison/matching devices with standard devices. This low cost equipment is rigid enough to be used as a general purpose test equipment by hobbyists, laboratories & manufacturers.



SPECIFICATIONS

Semiconductor Device range :

01. Bipolar Transistor (NPN & PNP)
02. FET (Junction N & P Type)
03. SCR
04. UJT (N-Channel)
05. ZENER DIODE (Upto 50V Vz)
06. GERMANIUM & SILICON DIODES
07. LED

- * NUMBER OF CURVES DISPLAYED : (a) 4/8 curves switch selectable for Bipolar Transistor and FET.
(B) Single line for all other devices.
- * CURRENT STEPS : Positive or Negative current steps generated internally for Bipolar transistors.
- * VOLTAGE STEPS : Positive or Negative voltage steps of 0.2V, 0.5V, 1V per step selectable by a band switch for FET.
- * INTERNAL CLOCK : 400 Hz.
- * OPERATING VOLTAGE : 230V \pm 10% at 50Hz, A.C. Mains

FEATURES

01. Full protection of semi-conductor devices.
 02. Full protection of internal circuitry.
 03. Selection of Forward or Reverse characteristics for Zener diodes, diodes & LED by a switch.
 04. Ease of operation due to minimum number of panel settings.
 05. Mains fuse, neon indicator and switch provided.
 06. For connecting devices two Nos. of 3 lead cables are provided.
- * Weight : 4 Kg. (Approx)
 - * Dimension : W 284 x H 133 x D 208
 - * Strongly supported by detailed Operating Instructions.

Made in India