

CPE-2800

Transistor Checker & Curve Tracer



FEATURES

- Transistor Curve Tracer and DC parameter measurement
- Automatic polarity distinction on FET(N-ch, P-ch), Transistors (NPN, PNP) and diodes
- Supports comparative measurements and simple operation
- Built-in current protection circuit

SPECIFICATIONS

Checker function	
Selection mode	Diode / Transistor
Indication and distinction	Polarity, Base(or Gate), PNP/NPN, GOOD/BAD
Test current	4.5mA in signal (Low) 60mA in power (High)
Scanning rate	0.1sec / test Judgment scan: 1sec
DC parameter measurement function	
hFE range	0 ~ 100 / 0 ~ 1000 / 0 ~ 10000 (3ranges) Accuracy : $\pm 20\%$ (base current : $\pm 1\mu A$, collector current : $\pm 30mA$ Max.)
VBE and VD	0 ~ 3V DC 1 range Accuracy : $\pm 5\%$ Measuring current : $\pm 20mA$ Max
ICEO and I-Leak	0 ~ 100 / 0 ~ 1000 / 0 ~ 10000 μA (3 ranges) Test voltage: $\pm 5V$ (max.)
Measuring voltage	Max. $\pm 5V$
Curve tracer function	
Collector / drain sweep	Selection mode : Transistor / FET Frequency : 120Hz or 100Hz (2x line power frequency) Voltage : 10V ~ 100V in 8 steps (10, 20, 30, 40, 50, 60, 80 and 100V) Current limiter : 1000 Ω for SIGNAL (low level devices) 100 Ω for POWER (high level devices)
Step generator	Number of steps : 7steps Current / Step : 10 / 20 / 50 μA 0.1 / 0.2 / 0.5 / 1 / 2mA (accuracy : $\pm 5\%$) Voltage / Step : 0.1 / 0.2 / 0.5V (accuracy : $\pm 5\%$) External bias : One curve display
General information	
Test mode	CHECKER / CURVE TRACER
Operating temperature	0 $^{\circ}C$ ~ 40 $^{\circ}C$, 10 ~ 85% R.H.
Input voltage	AC 220V 50/60Hz
Dimension	343(W) x 180(D) x 212(H) mm
Weight	3.9kg

STANDARD ACCESSORIES

- Power cord : 1ea
- Connection cable : 2ea
- User's guide manual : 1ea