

FEATURES

TT-01, the Digital Transistor DC Parameter Tester, is mainly used for testing the DC parameters of manifold semiconductors such as diode, transistor, controlled silicon and field effect transistor. It also can be used to test the withstand voltage of capacitor, protection voltage of varistor and isolation of electrical. Meanwhile it can test 78 and 79 series three-terminal voltage regulator.

The tester has adopted the large scale integrated circuit for analogue/digital conversion. With high sensitivity and accuracy, it adopts liquid crystal display which can be read directly. With compact structure and convenient operation, it is portable and especially suitable for inspection and screening of devices and components in electronic factories as well as application of technicians engaged in electronic work, lab staff, maintainers and radio fans.

APPLICATIONS


- Measuring forward voltage, reverse voltage, forward saturation voltage drop, amplification factor, reverse leakage current of various crystal diode, audion, silicon controlled rectifier(SCR), field effect transistor(FET).
- Measuring rated working voltage of chemical capacitor, terylene capacitor, Ta capacitor, Leaded multilayer ceramic capacitor, high voltage lacker.
- Measuring protection voltage of varistor.
- Measuring starting voltage of neon bulb, neon lamp.
- Measuring constant voltage value of 78,79 series three-pole circuit.

TECHNICAL SPECIFICATIONS

Function	Range	Display Scope	Resolution	Operation Condition
V(BR)	1000V	0-1999V	1V	breakdown current < 1mA
	200V	0-199.9V	0.1V	breakdown current < 1mA
VCC(Set)	2A(I _c)	0-6.00V	0.01V	I _c ≈ 2000mA I _b ~ 200mA
	800mA(I _c)	0-6.00V	0.01V	I _c ≈ 800mA I _b ~ 80mA
	100mA(I _c)	0-6.00V	0.01V	I _c ≈ 100mA I _b ~ 1mA
	10mA(I _c)	0-6.00V	0.01V	I _c ≈ 10mA I _b ~ 1mA
hFE	10mA(I _b)	0-199.9	0.1	I _b ≈ 10mA
	1mA(I _b)	0-1999	1	I _b ≈ 1mA
	1μA(I _b)	0-1999	1	I _b ≈ 0.01mA
ICEO	2000μA	0-1999μA	1μA	V _{ce} ≈ 27V
78,79 three-pole constant voltage value	78xx/79xx	0-24.0V	0.1V	U _i ≈ 27V



GENERAL SPECIFICATIONS

Power	AA 1.5V*6(UM3)
Product size	150*100*70mm
Product Net Weight	680g
Standard Accessories	 Leather Case
Standard individual packing	gift box
Standard Quantity per Carton	20 pcs.
Measurement of Standard Carton	450*330*413mm (0.061 CBM)
Gross weight of Standard Carton	22kgs

*Technical Specifications & Appearance are subject to change without prior notice