

TRANSISTOR TESTER

TST294 

Features

- .Various semiconductor DC parameters transistor, diode, triac, FET
- .Capacitor withstand voltage
- .Varistor protection voltage
- .Electrical appliance insulation
- .78 & 79 series voltage regulator
- .Neon bulb and lamp starting voltage
- .AC voltage test



TST294

Parameter	Measuring range	Display	Resolution	Operating condition
$V_{(BR)}$ Breakdown voltage	1000V	0~1000	1V	Breakdown current less than 1mA
	200V	0~199.9	0.1V	
$V_{CE(sat)}$ Collector-emitter saturation voltage drop	2A(I_c)	0~6.00	0.01	I_c approx.2000mA I_b approx.200mA
	800mA(I_c)			I_c approx.800mA I_b approx.80mA
	100mA(I_c)			I_c approx.100mA I_b approx.10mA
	10mA(I_c)			I_c approx.10mA I_b approx.1mA
hFE DC current gain	10mA(I_b)	0~199.9	0.1	I_c approx.10mA
	1mA(I_b)	0~1999	1	I_b approx.1mA
	10uA(I_b)			I_b approx.0.01mA
I_{CEO} Reverse leakage current	2000 μ A	0~1999	1 μ A	Testing voltage approx.27V
78 & 79 voltage regulation	78XX/79XX	0~24.0	0.1V	
Power source	1.5V alkaline battery(AA)x4 or 6VDC/2A power supply			
Dimensions (W×H×D)	150×70×100mm			
Weight	670g			

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

MACHINE

ACCESSORY