

# TRANSISTOR TESTER TST294

## Features

Various semiconductor DC parameters  
 Transistor, diode, triac, FET  
 Capacitor withstand voltage  
 Electric appliance insulation  
 78 & 79 series voltage regulator  
 Neon bulb and lamp starting voltage  
 AC Voltage test



## Specification

Parameter	Measuring Range	Display	Resolution	Operating conditions
$V_{(BR)}$ Breakdown Voltage	1000V	0~1000	1V	Breakdown current <1mA
	200V	0~199.9	0.1V	
$V_{ce(sat)}$ Collector-emitter Saturation volt 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 Current gain	10mA( $I_b$ )	0~199.9	0.1	$I_c$ approx 10mA
	1mA( $I_b$ )	0~1999	1	$I_b$ approx 1mA $I_b$ approx 0.01mA
	10 $\mu$ A( $I_b$ )			
$I_{ceo}$ Reverse leakage current	2000 $\mu$ A	0~1999	1 $\mu$ A	Testing voltage 27V
78 & 79 voltage reg.	78xx/79xx	0~24.0	0.1V	
Power Source	1.5 Alkaline battery (AA) x 4 or 6V DC/2A power supply			
Dimensions	150 x 70 x 100mm			
Weight	670g			