

DY 294

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 laker.
- Measuring protection voltage of varistor.
- Measuring starting voltage of neon bulb, neon lamp.
- Measuring constant voltage value of 78, 79 series three-pole circuit.

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
$V_{CC(Set)}$	2A (I_C)	0-6.00V	0.01V	$I_C \approx 2000mA$ $I_b \approx 200mA$
	800mA (I_C)	0-6.00V	0.01V	$I_C \approx 800mA$ $I_b \approx 80mA$
	100mA (I_C)	0-6.00V	0.01V	$I_C \approx 100mA$ $I_b \approx 1mA$
	10mA (I_C)	0-6.00V	0.01V	$I_C \approx 10mA$ $I_b \approx 1mA$
h_{FE}	10mA (I_b)	0-199.9	0.1	$I_b \approx 10mA$
	1mA (I_b)	0-1999	1	$I_b \approx 1mA$
	1μA (I_b)	0-1999	1	$I_b \approx 0.01mA$
I_{CE0}	2000μA	0-1999μA	1μA	$V_{ce} \approx 27V$
78, 79 three-pole constant voltage value	78xx/79xx	0-24.0V	0.1V	$U_i \approx 27V$