

MODEL : SZ6000N

Zener Diode and Switching Diode Tester



Key Features :

The IF current is able to be set from 1 mA start, IR reading can measure from 1 nA below 2 uA range, the VR setting is set from 0.1 V There is the maximum power setting of Vzm.

It is equipped with a standard RS232 interface to allow connection with personal computers to allow for bi-directional transfer of the parameters' settings and data acquisition to PCs.

It is designed with your choice of Kevin polarizing circuitry or fixed direction testing.

There are two types of interface connectors for connecting with various mechanisms to provide them with the total of the 8 bins' pinouts and handshaking control signals such as: EOT and SOT.

The bins' output offers the choice of 24V or 12V power supply.

This model uses 16 bits of D/A and A/D converters making it highly precise and reliable.

The Model SZ6000N tester primarily tests Zener Diode and Switching Diode. The testing parameters include VF (forward voltage), Breakdown Voltage, Maximum Power setting VZM, DVR (delta reverse voltage), and two IR (reverse leakage current) testing, which cover all testing parameters for both devices, except for ZZT&ZZK parameters of Zener diode. (Testing equipment is available from Kyoto Enterprise to measure ZZT&ZZK parameters of Zener Diodes. If you are interested in further information please contact us.) The SZ6000N tester is able to measure with 1 nA resolution, it also has built-in interfaces for testing with various handlers or machines, such as reel inspection machines, binning machines, marking machines, in-line machines, packing machines, and other similar devices.



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