

# MODEL : TVR 6100

---

## Diode DC. Characteristics Tester



Key Features :

VF, IR SURGE, VBR,  $\Delta$ VR, IR

Used to test parameters which include VF, IR SURGE, VBR,  $\Delta$ VR, IR

Can be connected with TRR Tester for testing parameters

Can be connected with a PC with software to collect and analyze data

### Applications

In-line machine, sorting, printing, packaging machine etc

Can be used for I/O AC testing, duplicating samples and Research and Development.

---

The TVR6100 is a multipurpose, versatile Binning Tester. It can be used to classify parameters, including TRR (reverse recovery time), VF (forward voltage, IF is up to 100A), VBR (reverse breakdown voltage) and IR (reverse leakage current). Moreover, it can test IR SURGE,  $\Delta$ VR(delta reverse voltage) and IR parameters at the same time. Each parameter, for testing or not testing, can be selected by each operator. In addition, the TVR6100 can be connected in sequence with an RGI TRR Emulator for testing TRR. With this connection, the results will be presented in a single output. Hence, time will be saved in collecting data and the data will be presented more efficiently. It can also be interfaced with various available test handlers or other machines for example reel inspection machines, binning machines, marking machines and packaging machines to conduct testing. In addition, the TVR6100 can be connected with a PC employing our Production Management Software for the collection of test results, analysis and material data evaluation.



XCELTRON TECHNOLOGIES SINGAPORE  
Howard Goh  
Tel : +65-91848151  
Email : howard@xceltronic.com