

TESTING THE FUTURE®

CDT-150 DIODE TESTER



DAV
ELECTRONICS
LTD.

Features

- Micro processor based design to provide quick and accurate testing of standard and avalanche rectifiers, diodes, and diode trios.
- Measure the entire rectifier automatically in 6 seconds with optional test fixtures, or test each diode individually with the Kelvin test clips.
- Measured parameters include; Diode Forward Voltage Drop, Reverse Break Over Voltage, and Reverse Leakage Current.
- Programmable part number profiles include Pass/Fail limits for diode trio, rectifier, and avalanche diodes.
- Programmable test conditions applied during testing include; Reverse Voltage, Pulse Width Time, and Load Test Current.
- Able to check rectifier with stator connected.
- GOOD/BAD diode test result indication on-screen and with an audible beep HIGH/LOW indication for measured parameters outside of the limits Automatic selection of leakage current test voltage.
- Easy to program test specifications with pictures of various rectifier configurations Self Diagnostic and Calibration Modes
- Recognizes diode's polarity and automatically matches the test lead's polarity Test limits are completely programmable by the operator Part number database memory for all popular rectifiers.
- Statistical report with streaming printout of test results.
- Optional enclosure and fixtures available for many popular rectifiers.

Technical Data Measured Parameters

Breakover Voltage	20 - 200 Volts	Accuracy	
Breakover Voltage (Optional)	20 - 400 Volts	Diode voltage drop	1% ± .002V
Leakage Current	0 - 999 Amps	Breakover voltage	1% ± 1V
Rectifier Test Current	25 - 250 Amps	Leakage current	1% ±1nA (0.001mA)
Diode Trio Test Current	5 - 25 Amps	Measuring speed	3-4 Test Cycles Per Second
Voltage Drop	0 - 2.55 Volts		



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