



Model 297 Comparison Sheet

Parameter/Feature	297	2975
AC Voltage Output	0-5.00kV	0-5.00kV
Frequency Output	50/60Hz Selectable	50/60Hz Selectable
mA Leakage	0.00 – 12.00	0.00-12.00
DC Voltage Output	0-6.00kV	0-6.00kV
mA Leakage	0.00 – 5.00	0.00-5.00
Timer	Ramp Up: 0.2 – 180sec Dwell: 0, 0.2 – 60.0sec	Ramp Up: 0.2-999.9sec Dwell: 0.0-999.9sec
IR Voltage Output	100 – 1000VDC	100 – 1000VDC
MΩ Limits	1 - 1000	1 - 1000
IR Timer	Ramp Up: 0.2 or 1.0sec Delay: 0, 0.5 – 999.9sec	Ramp Up: 0.2-999.9sec Delay: 0, 0.02 – 999.9sec
Continuity Feature	0 – 1.50Ω adjustable	0 – 1.50Ω adjustable
Memories	5 (10 optional)	10
Remote I/O	<p style="text-align: center;">Input: Test, Reset, Interlock</p> <p style="text-align: center;">Output:- Pass, Fail, Test-in-Process</p> <p style="text-align: center;"><u>Hardware Interlock- Direct control sinewave and amplifier relay off when Interlock signal is disable.</u></p>	<p style="text-align: center;">Input: Test, Reset, Interlock</p> <p style="text-align: center;">Output:- Pass, Fail, Test-in-Process</p> <p style="text-align: center;">NO HARDWARE INTERLOCK</p>
Meter Max	Shows the maximum value of the voltage for a breakdown	N/A
I _{max}	Gives the maximum leakage current value read during a test	N/A
Security	<p>1. Run : Only test , can't change test parameters and memory locations.</p> <p>2. Mem : Have test and select memory locations , can't change test parameters.</p>	Key lock and memory lock only
Safety Mark	CE/cTUVus	CE/cTUVus