

INPUT (294, 295, 296, 297, 298)

Voltage	100-120 VAC / 200-240 VAC ± 10% Auto Range
Frequency	50/60 Hz ± 5%
Fuse	3.15 A / 250 VAC Fast-Blow

DIELECTRIC WITHSTAND TEST MODE

Output Rating	298	AC 0-5.00 kVAC, 99.99 mA
	297	AC 0-5.00 kVAC, 12.00 mA DC 0-6.00 kVDC, 5.00 mA
	296	AC 0-5.00 kVAC, 12.00 mA DC 0-6.00 kVDC, 5.00 mA
	295	AC 0-5.00 kVAC, 12.00 mA
	294	DC 0-6.00 kVDC, 5.00 mA
Voltage Setting	298	0-5.00 kVAC
	297	Resolution: 0.01 kV
	296	Accuracy: ± (1.5% of setting + 5V)
	295	
Output Frequency	297	0-6.00 kVDC
	296	Resolution: 0.01 kV
	294	Accuracy: ± (1.5% of setting + 5V)
	294	DC only
AC Waveform	295, 298	50/60 Hz Selectable
	296, 297	DC and 50/60 Hz Selectable
	Accuracy	± 0.1%
DC Output Ripple	294	<5% (6 kVDC / 5mA atResistive Load)
Dwell Timer	296	
Ramp Timer	297	
Leakage Failure Settings	298	AC Hi-Limit: 0.10 - 99.99 mA Lo-Limit: 0 - 99.99 mA
	297	AC Hi-Limit: 0.10 - 12.00 mA Lo-Limit: 0 - 12.00 mA
	296	DC Hi-Limit: 0.02 - 5.00 mA Lo-Limit: 0 - 5.00 mA
	295	AC Hi-Limit: 0.10 - 12.00 mA Lo-Limit: 0 - 12.00 mA
Discharge Time	294	DC Hi-Limit: 0.02 - 5.0 mA Lo-Limit: 0 - 5.00 mA
	Resolution: Accuracy:	0.01 mA ± (2% of reading + 0.02 mA)

INSULATION RESISTANCE TEST MODE (297 only)

Output Voltage	Range:	0.1-1.00 kVDC
	Resolution:	0.01 kV
	Accuracy:	± (1.5% of setting + 3 V)
Resistance Display	Range:	1 - 1000 MΩ
	Resolution:	1 MΩ
	Accuracy:	100-499 V ± (7% of setting + 2 MΩ) 500-1000 V ± (3% of setting + 2 MΩ)
Hi-Limit	Range:	0, 1 - 1000 MΩ (0=off)
	Resolution:	1 MΩ
Lo-Limit	Range:	1 - 1000 MΩ
	Resolution:	1 MΩ
Timer	Range:	0.2 or 1.0 sec
	Delay:	0, 0.5 - 999.99 sec (0=continuous)

GENERAL SPECIFICATIONS

Continuity Feature	Range:	1 - 1.50 Ω
	Resolution:	0.01 Ω
	Accuracy:	± (2% of setting + 0.02 Ω)
Memories	5 (10 optional)	
Remote I/O	Input:	Test, Reset, Interlock
	Output:	-Pass, Fail, Test-in-Process <u>Hardware Interlock - a relay on the high voltage output opens when the Interlock signal is disabled.</u>
3mA AC/DC Current Limit (optional)	294	Range: 0.00 - 3.00 mA
	295	Resolution: 0.01 mA
	296	Accuracy: ± (2% of setting + 0.02mA)
	297	
Meter Max (optional)	Displays the maximum voltage value recorded during a breakdown.	
Imax (optional)	Displays the maximum leakage current value read during a test	
Security	Option to turn On or Off, when On you can switch between two security levels:	
	1. Run - Operator can only run a test. No ability to change memory locations or edit test parameters. 2. Mem - Operator can run a test and change memory locations. No ability to edit test parameters.	
Safety Mark	CE/CTUVus	

Specifications subject to change without notice.