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<u>HYPOTULTRA</u>®ш

At Associated Research, Safety Compliance Testing Is Our Only Focus.

Input Specifications			INSULATION RES	STANCE TE	ST MODE, MODEL 7650 OI	NLY		
Voltage	115 / 230 VAC \pm 10%, Automatically Selected		Output Voltage	Range:	50 - 1000 Volts DC			
Frequency	50/60 Hz ± 5%	50/60 Hz ± 5%		Short Circuit Current	Maximum:	12mA peak		
Fuse	4 Amp 250V Slo-B	4 Amp 250V Slo-Blo		Resistance Display	Range: Resolution:	0.05MΩ - 50000 MΩ (5 Digit, Auto F 500VDC 1000		
DIELECTRIC WITH		DDE				MΩ MΩ M9 0.001 0.050 - 9.999 0.100 -	9.999	
Output Rating	5 KV @ 30 mA AC 5 KV @ 10 mA DC	5 KV @ 30 mA AC 5 KV @ 10 mA DC for 7650 only				0.01 1.00 - 99.99 1.00 - 9 0.1 10.0 - 999.9 10.0 - 9 1 100 - 50000 100 - 5	999.9	
Ramp-HI	12mA peak maxim	12mA peak maximum, ON/OFF selectable		Charge-L0	Range:	0.000 - 3.500µA or Auto Set	0000	
Charge-LO	Range: 0.0 - 350.0 µA DC or Auto set		Maximum and	i langer				
Maximum & Minimum Limits				Minimum Limits	Range: 0.0, 0.05MΩ - 50000MΩ (Max Limit: 0 = 0FF)			
AC Total	Range: Accuracy:	0.000 - 30.00mA ± (2% of setting + 2 c	counts)	Ramp Timer	Range:	Ramp-Up:0.1 - 999.9 secRamp-Down:0.0, 1.0 - 999.9 sec	ес	
AC Real		0.000 - 30.00mA		Delay Timer	Range:	0.0, 1.0 - 999.9 sec 0 = Continuous		
	Accuracy:	± (3% of setting + 0.05mA) All Ranges PF > 0.1 V > 250VAC		Ground Fault Interrupt	GFI Trip Curi HV Shut Dov	•		
DC	Range: Accuracy:	•		CONTINUITY TEST	ST MODE			
Arc Detection	Range:	1 - 9		Output Current		DC 0.1A \pm 0.01A Total Resistance*: 0.00-33.0 Ω		
/oltage Display	Range: Accuracy:	o.000mA - 30.00mA			DC 0.01A \pm 0.001A Total Resistance*: 31.0-330 Ω DC 0.001A \pm 0.0001A Total Resistance*: 310-2000 Ω			
Current Display	Auto Range			Resistance Display	Range:	0.00 - 2000 Ω		
AC Total	Range: Accuracy:			Maximum and Minimum Limits	Range: (Max Limit:	0.00 - 2000 Ω 0 = 0FF)		
AC Real		0.000mA - 30.00mA		Dwell Timer	Range:	0.0, 0.3 - 999.9 sec (0 = Continuous	s)	
	Accuracy:	\pm (3% of reading + 0.05mA) All Ranges PF > 0.1 V > 250VAC		Milliohm Offset	Range:	0.00 - 10.00Ω		
DC	Range: Accuracy:	•		GENERAL SPECIFICATIONS				
DC Output Ripple	-	at 5 KV DC @ 10 mA, Re		PLC Remote Control	Input:	Test, Reset, Interlock, Recall Memory 1 through 10		
Discharge Time	≤ 200 ms				Output:	Pass, Fail, Test-in-Process, Reset		
Maximum Capacitive	1uF< 1KV	F< 1KV 0.08uF< 4KV 75uF< 2KV 0.04uF< 5KV		Safety	Built-in Sma	Built-in Smart GFI circuit 50 memories, 30 steps/memory		
Load in DC Mode	0.75uF< 2KV 0.5uF< 3KV			Memory	50 memorie			
AC Output Wave Form	Sine Wave, Crest Factor = 1.3 - 1.5			Interface		Standard RS-232, Optional Printer Port with Date and Time Stamp, GPIB, or Data Storage.		
Dutput Frequency	Range: Accuracy:	-		Security	-	Programmable password lockout capability to avoid unauthorized access to test set-up program.		
Output Regulation ± (1 % of output + 5 Errorm no load to full				Graphic Display	240 x 64 do	240 x 64 dot resolution. Monographic LCD		
Dwell Timer	Range: 0.0, 0.	From no load to full load and over input voltage range Range: 0.0, 0.4 - 999.9 sec (0 = Continuous)		Calibration	Built-in Verifi	Adjustments are made through the front panel. Built-in Verification program. Automatic Calibration alert		
Ramp Timer		ge: Ramp-Up: 0.1 - 999.9 sec Ramp-Down: AC 0.0 - 999.9 sec DC 0.0, 1.0 - 999.9 sec 0.0=OFF		Mechanical	Bench or rad	function to signal operator when calibration is due. Bench or rack mount (2U height) with tilt up front feet Dimensions:(w x h x d) 16.92x3.50x15.75in (430x89x400mm)		
Ground Continuity	Current: Max. ground resist	urrent:DC 0.1 A \pm 0.01A, fixedlax. ground resistance:1 $\Omega \pm 0.1\Omega$, fixed		Weight	31.38 Lbs (14.23 kgs) variable with options			
Ground Fault Interrupt	GFI Trip Current: HV Shut Down Spe	450 μA max (AC ed: < 1ms	or DC)	Specifications subject to change without notice.				



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