



MODEL EEL1100.50

HIGH VOLTAGE AMPLIFIER SPECIFICATION SHEET

VOLTAGE:	+/-1.1kV
ACCURACY:	0.5% of F.S.
NOISE:	<600mVrms
OFFSET:	<1VDC OFFSET
CURRENT:	+/-50mA
POWER RATING:	55W
SLEW RATE:	> 300V/us
LARGE SIGNAL BANDWIDTH:	>130kHz No load -3db
SMALL SIGNAL BANDWIDTH:	>140kHz No load -3db
INPUT GAIN:	1V = 100V
HIGH VOLTAGE ENABLE:	TTL, Open Collector
VOLTAGE MONITOR:	100:1 (1V represents 100V)
ACCURACY:	0.1% of Full Scale
BANDWIDTH:	150kHz
CURRENT MONITOR:	1V = 5mA
ACCURACY:	1% of Full Scale
BANDWIDTH:	>10kHz
DYNAMIC ADJUSTMENT:	1 Turn potentiometer
VOLTAGE MONITOR CONNECTOR:	BNC
CURRENT MONITOR CONNECTOR:	BNC
INPUT CONNECTOR:	BNC



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HV ENABLE CONNECTOR:	BNC with shorting plug														
HV OUTPUT CONNECTOR:	SHV														
DIGITAL INTERFACE:	USB B														
LCD DISPLAY:	Sample Rate														
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CONTROLS(CONT):

Down Arrow:	Makes changes in the MENU functions and Disables HV while in Local Mode.
Left Arrow:	Makes changes in the MENU Function.
Right Arrow:	Makes changes in the MENU Function

SOFTWARE INTERFACE:

Software provided to control unit function using Laptop or PC. Windows 10 or greater.

ENCLOSURE SIZE:

85mm (3.34") H X 250mm (9.84") W X 260mm (10.23") D

ITEMS INCLUDED:

Line cord, Manual, HV Output Cable, USB Cable