



DIGITEL™ LPC

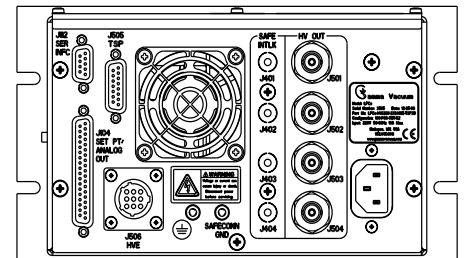
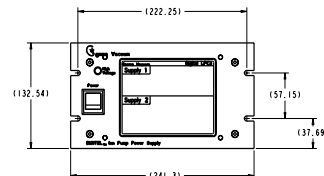
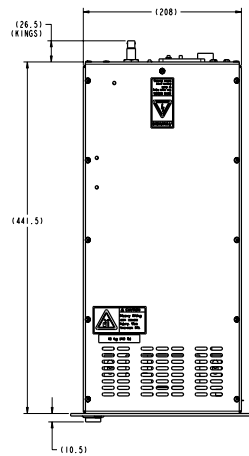
Large Pump Controller



TECHNICAL SPECIFICATIONS

INPUT POWER	
Voltage	90-130 or 200-240 VAC
Frequency	48-62 Hz
OUTPUT POWER	
Independent Outputs	1
Open Circuit Voltage	+/-5600 or 7000 VDC
Current (maximum)	100 mA
Watts (maximum)	200
Resolution	1 nA
HIGH VOLTAGE CONNECTIONS	
1-4, 10kV SHV or Fischer	
DISPLAY	
Type	1/4 VGA touchscreen LCD
Readouts	Pressure, current, voltage, and programmable options
ANALOG OUTPUTS	
Voltage	linear, 1V per 1000V
Current/Pressure	linear or logarithmic, configurable
SETPOINTS	
Four relay, four TTL	
COMMUNICATIONS	
Local/Remote/Full	
Ethernet	
Serial: 232, 422, 485	
CONFORMITY TO NORMS	
EN 55011 Class A, IEC 801-2	
EN 801-3, IEC 801-4, EN 61010-1	
WEIGHT, KG (LBS)	
16.8 (37)	
SIZE	
3U high, 1/2 rack wide	
438 mm (17.2 in.) deep	
ADDITIONAL FEATURES	
SAFECONN	
AUTOSTART/AUTORUN	
High Voltage Enable	

DIMENSIONAL DETAILS*



BACK PANEL

*Four outputs shown. Alternative configurations available at www.gammavacuum.com

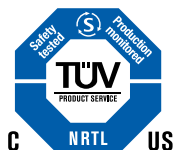
STANDARD OPTIONS*

High Voltage		Input Voltage	Communications	Remote Enable	TSP/NEG
1	One Section	US110 90-130 volts US 110 plug	232 Serial 232	N Not Installed	N Not Installed
		US220 200-240 volts US 220 plug	422 Serial 422	HVE Installed	
		EC230 200-240 volts EC 230 plug	485F Serial 485 Full duplex		
		UK240 200-240 volts UK 240 plug	485H Serial 485 Half duplex		
		AU230 200-240 volts AU 230 plug	E Ethernet		

HIGH VOLTAGE OPTIONS

Current		Polarity	Output Voltage	Output Connections	
100	100mA/200W	POS Positive	7KV 7000 Volts	SC1 Single SHV SMB SAFECONN	FB1 Single Fischer Banana SAFECONN
		NEG Negative	5KV 5600 Volts	SC2 Two SHV SMB SAFECONN	FB2 Two Fischer Banana SAFECONN
				SC3 Three SHV SMB SAFECONN	FB3 Three Fischer Banana SAFECONN
				SC4 Four SHV SMB SAFECONN	FB4 Four Fischer Banana SAFECONN

*Configured part numbers and pricing are available at www.gammavacuum.com.

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