



DIGITEL™ MPC

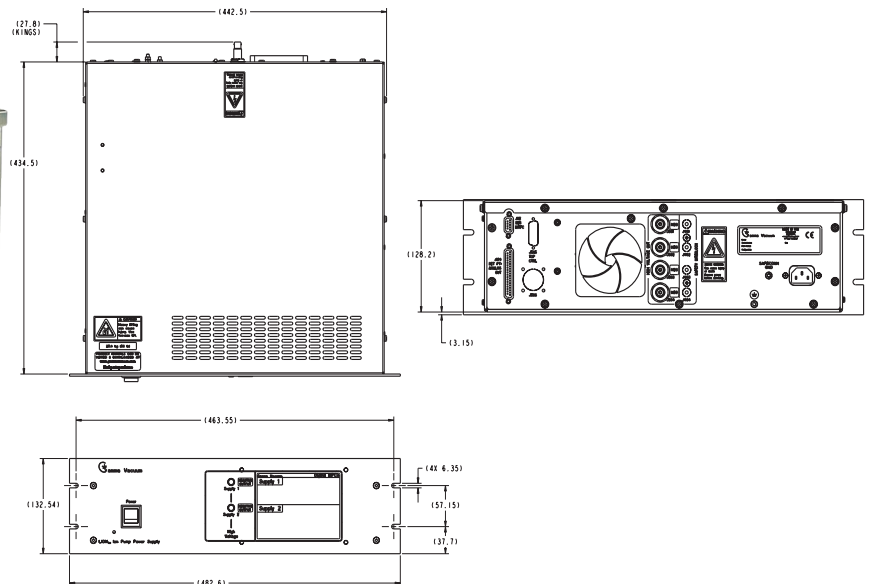
Multiple Pump Controller



TECHNICAL SPECIFICATIONS

INPUT POWER	
Voltage	90-130 or 200-240 volts
Frequency	48-62 Hz
OUTPUT POWER	
Independent Outputs	1 or 2
Open Circuit Voltage	+/-5600 or 7000 vdc
Current (maximum)	100 mA or 500 mA
Watts (maximum)	1000
Resolution	1 nA / 0.1 uA
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, configurable
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) minimum	
25.4 (56) maximum	
SIZE	
3U high, full rack wide	
438 mm (17.2 in.) deep	
ADDITIONAL FEATURES	
SAFECONN	
AUTOSTART/AUTORUN	
High Voltage Enable	
Remote TSP Control	

DIMENSIONAL DETAILS*



*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
2	Two Sections	US220	200-240 volts US 220 plug	422	Serial 422	HVE	Installed	TSP	Single Remote TSP
		EC230	200-240 volts EC 230 plug	485F	Serial 485 Full duplex			DTSP	Dual Remote TSP
		UK240	200-240 volts UK 240 plug	485H	Serial 485 Half duplex			ITSP	Internal TSP
		AU230	200-240 volts AU 230 plug	E	Ethernet			NEG	Single Remote NEG
		B	No plug					DNEG	Dual Remote NEG
								INEG	Internal NEG

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
500	500mA/1000W	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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