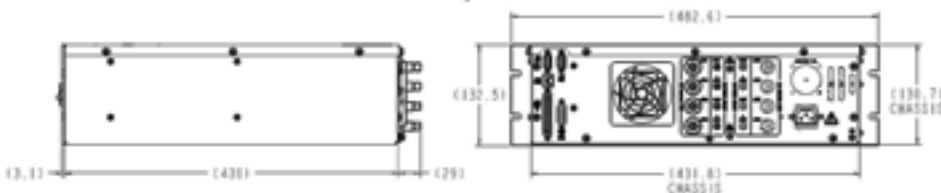
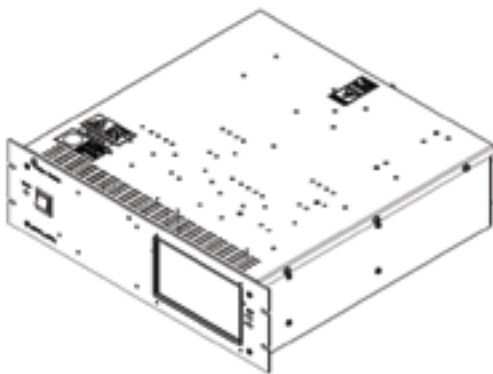


DIGITEL MPCq Multiple Pump Controller



*2 outputs shown. alternative configurations available at www.gammavacuum.com.

Technical specifications

Input power	
Voltage	120 Vac or 240 Vac, +/- 10%
Frequency	50-60 Hz
Output power	
Independent outputs	1 or 2
Open circuit voltage	+/- 5.6V or +/-7.0kV
Current (maximum)	500 mA
Watts (minimum/maximum)	500 per channel
Resolution	0.1 uA
High voltage connections	1-4, 10kV SHV or Fischer
Touchscreen display	
Type	7" TFT WVGA 800 x 480 Color LCD
Readouts	Pressure, current, voltage, and configurable options
Analog outputs	4 Analog Outputs, 0-10V range, user configurable
Digital inputs	4 Digital Inputs, user configurable
Setpoints	8 total: Four relays and four TTL, user configurable
Communications	Serial, Ethernet Standard, Profibus optional, Serial standards supported: RS-232, RS-485FD, RS-485HD
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, 476 mm (18.7 in.) deep maximum
Additional features	SAFECONN, AUTOSTART/AUTORUN, High voltage enable, Remote TSP or NEG control, Internal TSP or NEG supply

STANDARD OPTIONS*

Power supplies	Input voltage	Communications	Remote enable	TSP/NEG
1 One HV Section	US110 90-130 volts US 110 plug	E Ethernet/Serial	S Standard	N Not installed
2 Two HV Sections	US220 200-240 volts US 220 plug	PR Profibus/Serial/ Ethernet		TSP Single remote TSP
	EC230 200-240 volts EC 230 plug			DTSP Dual remote TSP
	UK240 200-240 volts UK 240 plug			ITSP Internal TSP
	AU230 200-240 volts AU 230 plug			NEG Single remote NEG
				DNEG Dual remote NEG
			INEG Internal NEG	

HIGH VOLTAGE OPTIONS

Current	Polarity	Output voltage	Output connections per channel
500 500mA/500W	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

