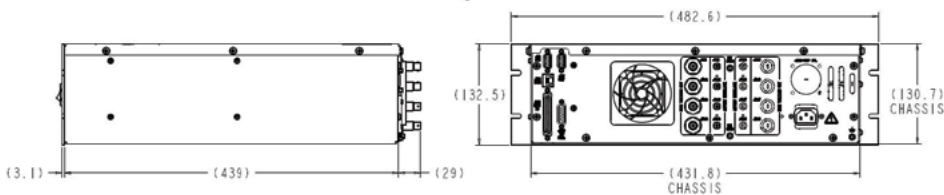
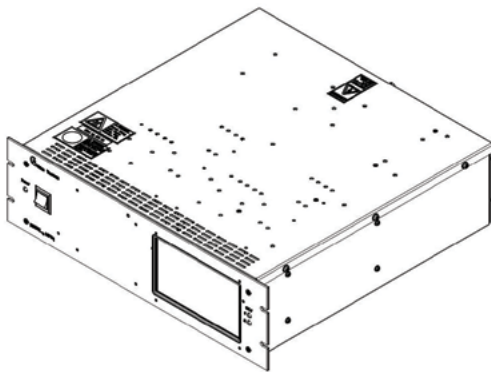
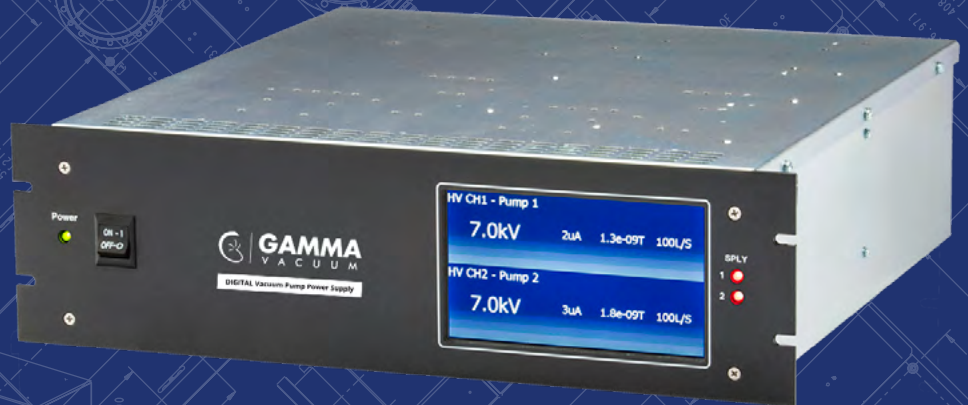


# DIGITEL MPCq Multiple Pump Controller



\*2 outputs shown. alternative configurations available at [www.gammavacuum.com](http://www.gammavacuum.com).

## Technical specifications

<b>Input power</b>	
Voltage	120 Vac or 240 Vac, +/- 10%
Frequency	50-60 Hz
<b>Output power</b>	
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
<b>High voltage connections</b>	1-4, 10kV SHV or Fischer
<b>Touchscreen display</b>	
Type	7" TFT WVGA 800 x 480 Color LCD
Readouts	Pressure, current, voltage, and configurable options
<b>Analog outputs</b>	4 Analog Outputs, 0-10V range, user configurable
<b>Digital inputs</b>	4 Digital Inputs, user configurable
<b>Setpoints</b>	8 total: Four relays and four TTL, user configurable
<b>Communications</b>	Serial, Ethernet Standard, Profibus optional, Serial standards supported: RS-232, RS-485FD, RS-485HD
<b>Conformity to norms</b>	EN 55011 Class A, IEC 801-2, EN 801-3, IEC 801-4, EN 61010-1
<b>Weight, Kg (Lbs)</b>	16.8 (37) minimum, 25.4 (56) maximum
<b>Size</b>	3U high, full rack wide, 476 mm (18.7 in.) deep maximum
<b>Additional features</b>	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](http://www.gammavacuum.com).

