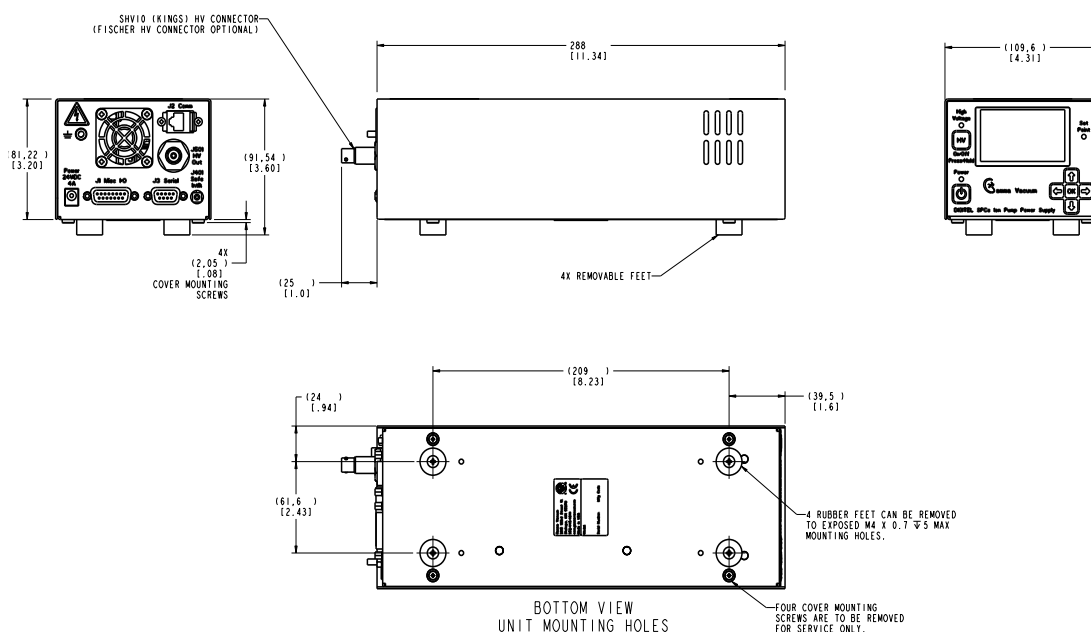


DIGITEL SPC

Small Pump Controller



DIMENSIONAL DETAILS*



* Alternative configurations available at www.gammavacuum.com

Technical specifications

Input power	
Voltage	90-240 VAC or 24 VDC
Frequency	48-62 Hz
Output power	
Independent outputs	1
Open circuit voltage	3000-7000 VDC (+/- factory configurable)
Current (maximum)	40 mA
Watts (maximum)	50
Resolution	1 nA
High voltage connections	
Display	
Type	LCD w/ backlight, 128 x 64 pixel
Readout	Pressure, current, voltage, and programmable options
Analog outputs	
Voltage	Fixed, 1V per 1000V
Current/pressure	User programmable, see manual
Setpoint	
Communications	
Conformity to norms	
Weight, kg (lbs)	
Size	
Additional features	
SAFECONN, AUTOSTART/AUTORUN, High Voltage Enable	
Fowler-Nordheim Calibration, High-Pot Capability	

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	Standard	N	Not available
		US220	200-240 volts US 220 plug	485F	Serial 485 Full duplex				
		EC230	200-240 volts EC 230 plug	485H	Serial 485 Half duplex				
		UK240	200-240 volts UK 240 plug	E	Ethernet				
		AU230	200-240 volts AU 230 plug						
		B24	Bare wire for 24v Connector Supplied						

HIGH VOLTAGE OPTIONS

Current		Polarity		Output voltage		Output connections	
50	40mA/50W	POS	Positive	3-7 kV	Variable	SC1	Single SHV SMB SAFECONN
		NEG	Negative			FB1	Single Fischer Banana SAFECONN

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



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