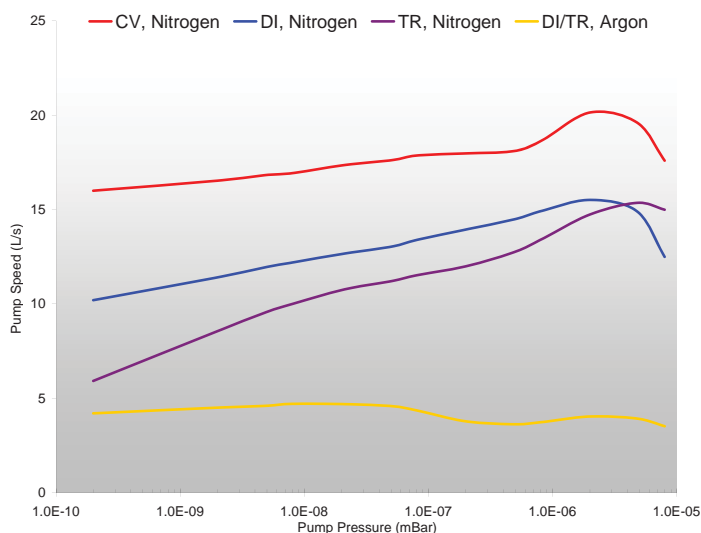


TiTan™ 25S Ion Pump

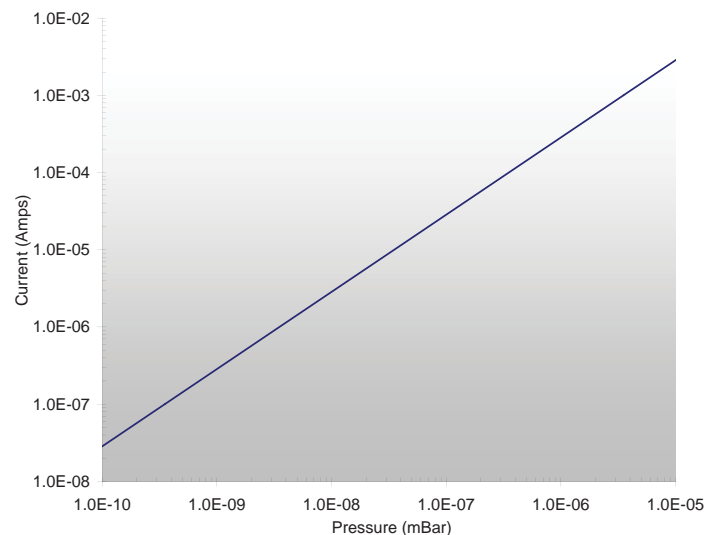


		Pumping Element		
		CV (Conventional)	DI (Differential)	TR (Triode)
Specifications	Pumping Speed, (l/s, Nitrogen)	20	15	15
	Starting Pressure, (mbar)	< 10 ⁻⁴		
	Ultimate Pressure, (mbar)	< 10 ⁻²		
	Lifetime, average hours @ 10 ⁻⁶ mbar	Less than 10 ⁻¹¹		
	Temperature, max °C (with/without magnets)	50,000		
	Inlet Flange	250 / 450		
	Weight, kg (lbs)	DN 35 (2.75" CFF)		
		9 (20)		

Pumping Speed vs. Pressure
measured in accordance with ISO/DIS 3556-1.2-1992

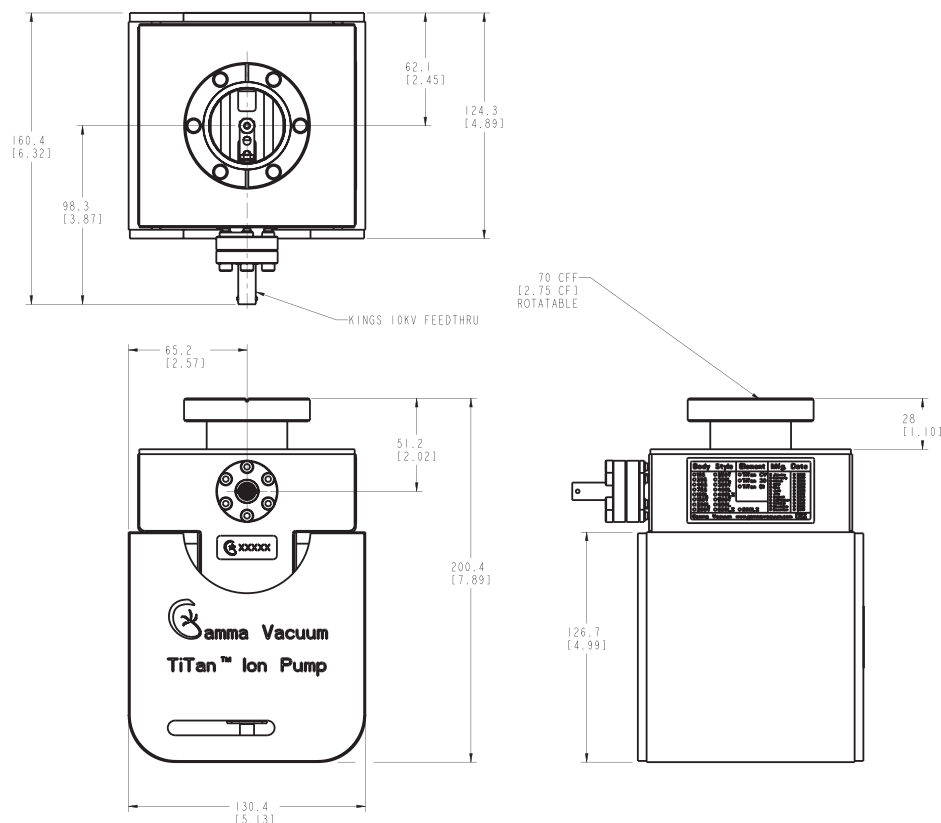


Current vs. Pressure



Line Drawing

Single ended (PN: 25S-DI-2V-SC-N-N) shown. Alternative configurations and CAD models available at www.gammavacuum.com.



Standard Options*

Standard Options*									
Element Styles		Ports		Feedthroughs		Heaters		TSP/NEG	
Options	CV Conventional 100% Titanium	4V	Single DN 63 (4.5" CFR)	SC	SAFECONN™ 10kV SHV	N	No Heaters	N	Not Available
	DI Differential 50% Titanium 50% Tantalum	2V	Single Vertical DN 35 (2.75" CFR)	OP	Perkin Elmer	110	110-volt 90-130 nominal		
	TR Triode Slotted Titanium	2H	Single Horizontal DN 35 (2.75" CFR)	OV	Old Varian	220	220-volt 200-240 nominal		
	CVX Conventional SEM Shielding	2D	Double Hrz and Vert DN 35 (2.75" CFR)	VR	Starcell®				
	DIX Differential SEM Shielding			FI	Fischer				

* Configured part numbers and pricing are available at www.gammavacuum.com. Contact us directly for custom engineered options.



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Gamma Vacuum designs, manufactures, and services ion pumps, titanium sublimation pumps, and their controls.

We have grown to be the industry leading supplier through superior quality, delivery, service and innovation.

Our staff and facility are dedicated to one thing; creating the purest vacuum environments on earth.