

TiTan™ 3S Ion Pump



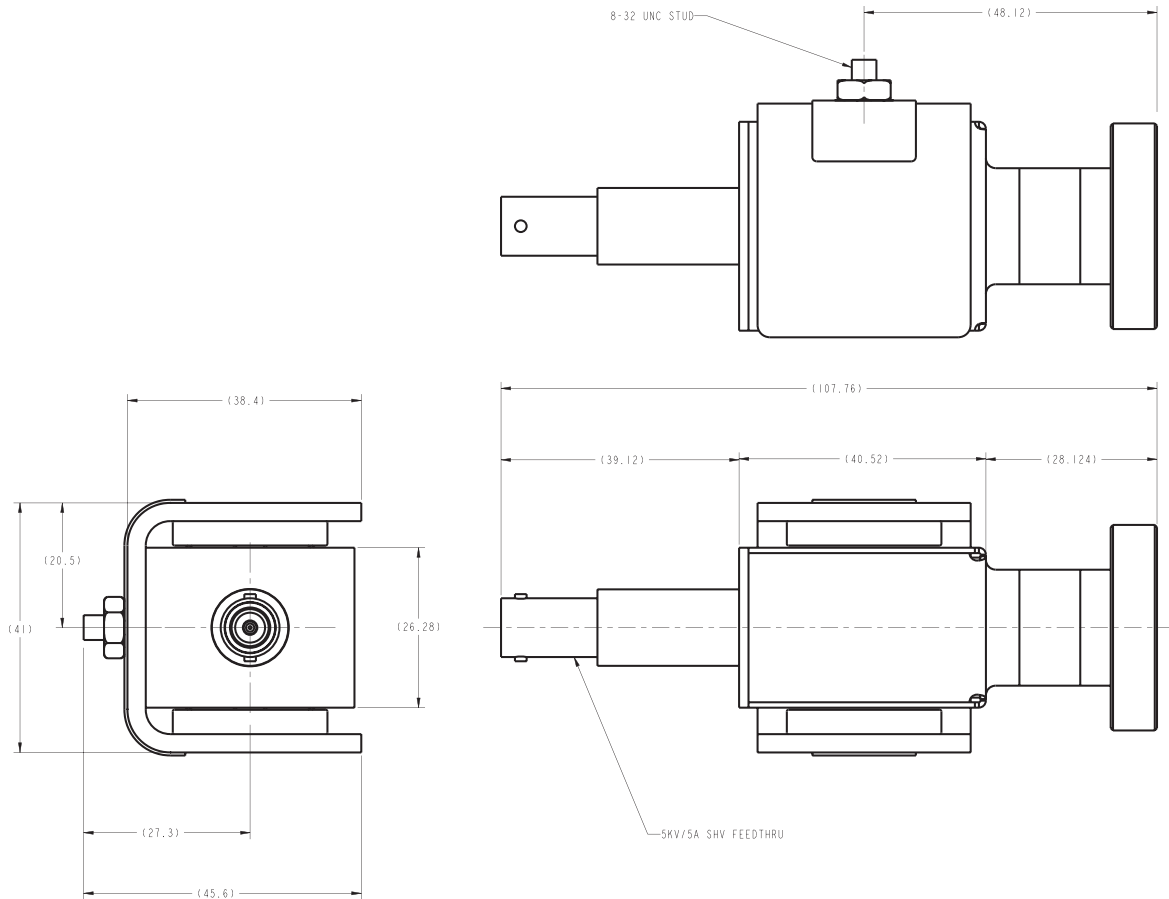
Pumping Element	
CV (Conventional)	DI (Differential)
Pumping Speed, (l/s, Nitrogen)	Lifetime, average hours @ 10 ⁻⁶ mbar
3	2
Ultimate Pressure, (mbar)	Starting Pressure, (mbar)
50,000	Less than 10 ⁻¹¹
Temperature, max °C (with/without magnets)	Inlet Flange
Less than 10 ⁻⁴	Weight, kg (lbs)
95 / 450	DN 16 (1.33" CFR)
	0.35 (0.8)

Standard Options*									
Element Styles		Ports		Feedthroughs		Heaters		TSP/NEG	
Options	CV Conventional 100% Titanium	1H	Single Horizontal DN 16 (1.33" CFR)	5K	5kV SHV Standard	N	Not Available	N	Not Available
	DI Differential 50% Titanium 50% Tantalum	1V	Single Vertical DN 16 (1.33" CFR)	OP	Perkin Elmer				
		1D	Double DN 16 (1.33" CFR)	OV	Old Varian				
		CU	Copper 3/8" Tube	FI	Fischer				

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

Line Drawing

Single ended (PN: 3S-CV-1H-5K-N-N) shown. Alternative configurations and CAD models available at www.gammavacuum.com.



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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.