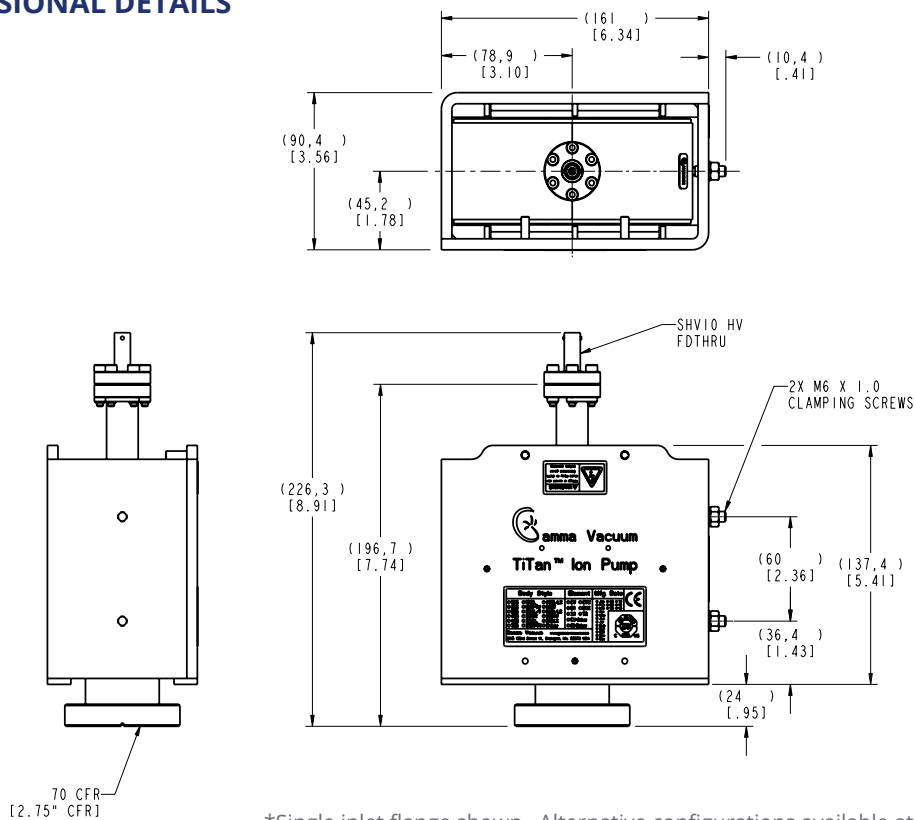


TiTan 25SVT Ion Pump



DIMENSIONAL DETAILS*



*Single inlet flange shown. Alternative configurations available at www.gammavacuum.com

Technical specifications

Element type	CV	DI	TR
Pumping speed (l/s, Nitrogen)	20	15	15
Starting pressure (mbar)	$\leq 1 \times 10^{-3}$	$\leq 1 \times 10^{-3}$	$\leq 5 \times 10^{-2}$
Lifetime (hours @ 10^{-6} mbar)	50,000	50,000	80,000
Ultimate pressure (mbar)	$\leq 1 \times 10^{-11}$		
Maximum baking temperature (°C)	200 / 450 (without magnets)		
Inlet flange	DN 35 (2.75 in.) CFR		
Weight, kg (lbs)	7 (15)		

*The 25SVT is a thin version of the standard 25SVW. The magnets are rare earth materials and not bakeable.

STANDARD OPTIONS*

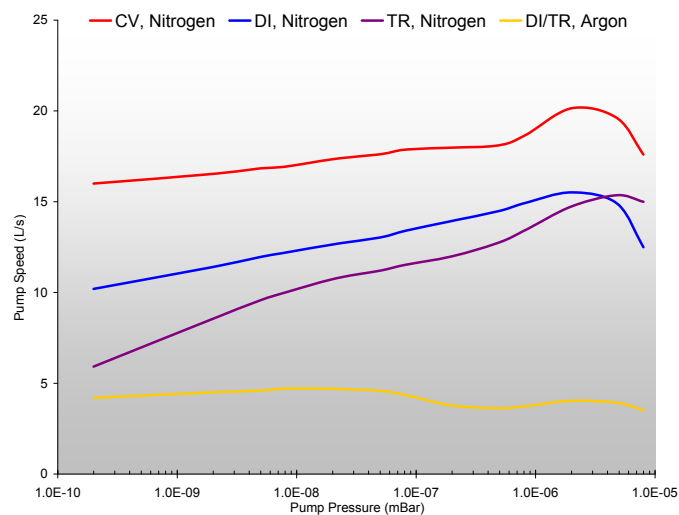
Element type	Ports	Feedthroughs	Heaters	TSP/NEG
CV Conventional 100% Titanium	2H Single DN 35 (2.75 in. CFR) Horizontally oriented	SC SAFECONN 10kV SHV	N No heaters	N Not available
DI 50% Titanium 50% Tantalum	2V Single DN 35 (2.75 in. CFR) Vertically oriented	OP Perkin Elmer		
TR Triode Slotted Titanium	2D Double DN 35 (2.75 in. CFR)	OV Old Varian		
		VR StarCell		
		FI Fisher		

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

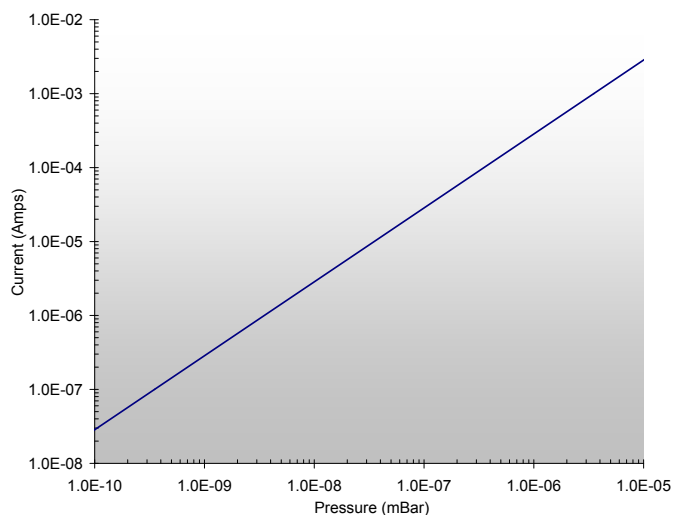
PERFORMANCE CHARACTERISTICS

Pumping Speed vs. Pressure

measured in accordance with ISO/DIS 3556-1.2-1192



Current vs. Pressure



2915 133rd Street West, Shakopee, MN 55379, USA. ☎ 1 800 237 3603, 952 445 4841

☎ 1 952 445 4841 ✉ info@gammavacuum.com 🌐 www.gammavacuum.com

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