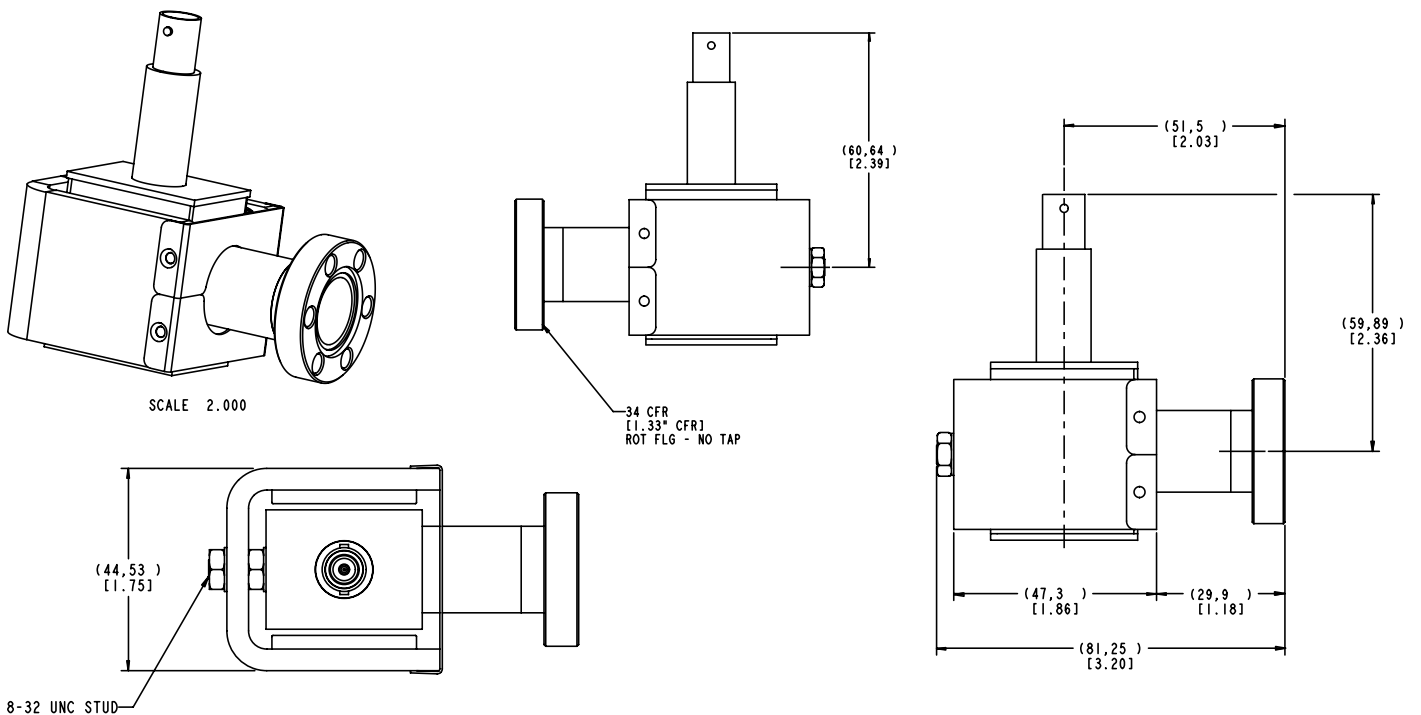


# TiTan 3S Ion Pump



## DIMENSIONAL DETAILS\*



\*5kV Feed through shown. Alternative configurations available at [www.gammavacuum.com](http://www.gammavacuum.com)

## Technical specifications

Element type	CV	DI
Pumping speed (l/s, Nitrogen)	3	2
Starting pressure (mbar)	$\leq 1 \times 10^{-4}$	$\leq 1 \times 10^{-4}$
Lifetime (hours @ $10^{-6}$ mbar)	50,000	
Ultimate pressure (mbar)	$\leq 1 \times 10^{-11}$	
Maximum baking temperature (°C)	200 / 450 (without magnets)	
Inlet flange	DN 16 (1.33 in.) CFR	
Weight, kg (lbs)	0.35 (0.8)	

## STANDARD OPTIONS\*

Element type	Ports	Feedthroughs	Heaters	TSP/NEG
CV Conventional 100% Titanium	1H Single DN 16 (1.33 in. CFR) Horizontally oriented	5K 5kV SHV Standard	N No heaters	N Not available
DI Differential 50% Titanium 50% Tantalum	1V Single DN 16 (1.33 in. CFR) Vertically oriented	OV Old varian		
	1D Double DN 16 (1.33 in. CFR) Horizontally oriented			
	CU Copper 3/8 in. tube			

\*Configured part numbers and pricing are available at [www.gammavacuum.com](http://www.gammavacuum.com). Contact us directly for custom engineered options.

