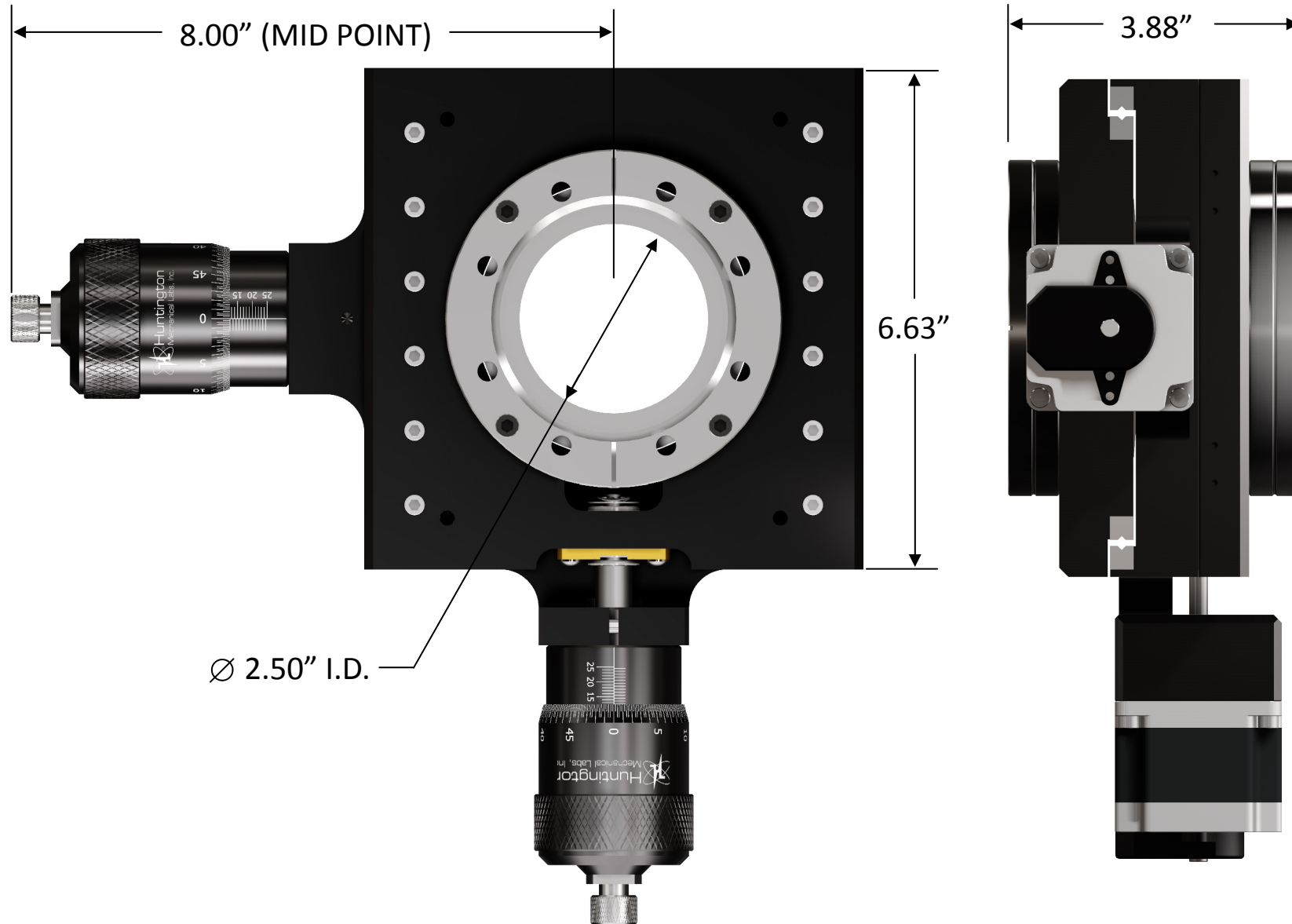


Specifications

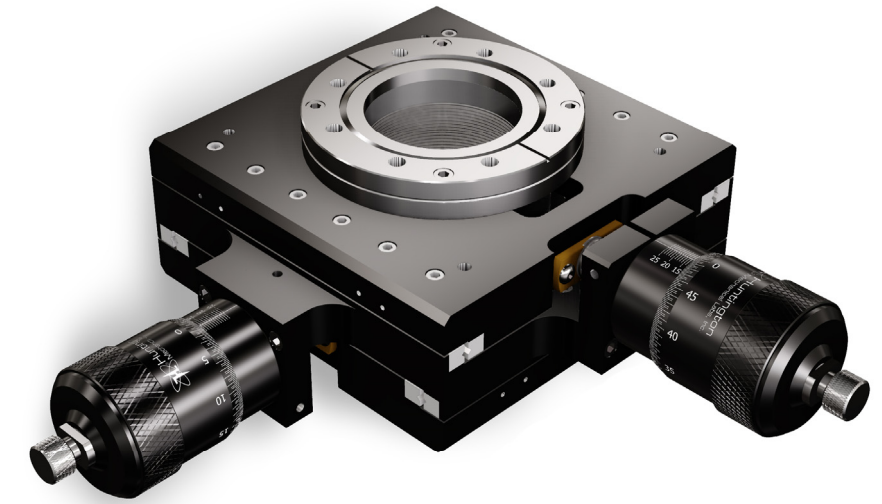
Sealing Mechanism: Welded Bellows
Material Exposed to Vacuum: Stainless Steel (Bellows)
Bellows ID: 2.50" (63.5 mm)
Bakeout Temperature: 200°C (Micrometers removed)
Operating Temp: -20° to 80°C (Motorized)
Pressure Range: Atmosphere To 1 x 10⁻¹¹ Torr (Bellows)

Operating Load: 50 lbs.
Micrometer: Motion: +/- 12.5 mm or .5"
 Resolution: .002 mm or .0001"
Flanges: Tapped, 5/16-24
Motorized Accuracy: 51,200 microsteps/revolution
Stepper Motor: 1.8° -full step

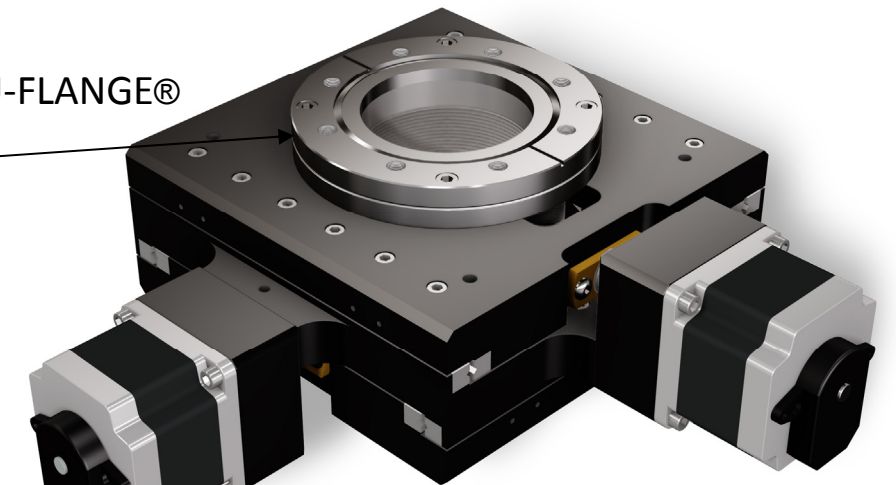
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MANUAL OPERATION



4-1/2" VAC-U-FLANGE® (CF)



MOTORIZED OPERATION

OPTIONAL ENCODERS,
 CONTROLLERS & CABLE
 SETS AVAILABLE UPON
 REQUEST

Dimensions: inches (mm)

DESCRIPTION	WEIGHT (lbs.)	PART NUMBER
Micrometer driven X-Y Manipulator without Bellows	7.0	TS-450
Micrometer driven X-Y Manipulator, Tapped Flanges, w/ Bellows	7.5	TS-450-255
Motorized X-Y Manipulator, Tapped Flanges, w/ Bellows	7.9	MTS-450-255

Other options available. For quotes, please call 800-227-8059 or visit our website at www.huntvac.com. Email: vacman@huntvac.com

		13355 NEVADA CITY AVENUE GRASS VALLEY, CA. 95945
MANIPULATOR, X-Y AXIS, U.S. STANDARD, COMPACT		
B	DWG. NO. (M)TS-450-(XXX) OUTLINE	REV. -
SCALE: NO SCALE	SHEET: 1	OF 1