

Model 5200XYZ Multi-Axis Series

Why INTERFACE Multi-axis load cells are the best in class:

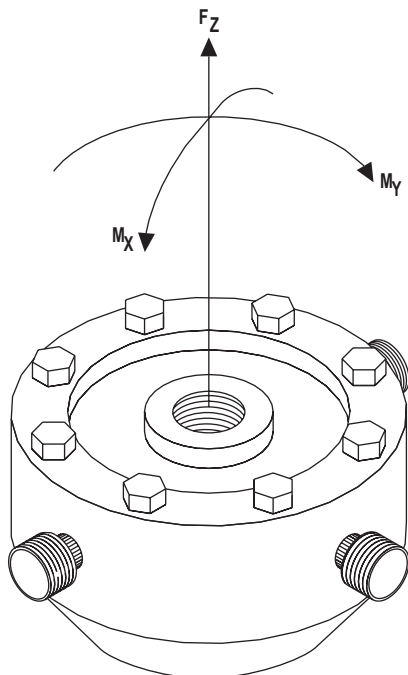
- Simultaneously measure thrust and also both moment vectors perpendicular to the thrust axis and to each other
- Thrust axis functions to the same specifications as a normal Model 1200
- Moments are referenced to the physical center of the load cell, and their outputs change polarity to indicate the vector direction
- Thrust stiffness and moment stiffness are both very high because of the low profile construction



Base included

SPECIFICATIONS

Static Error Band–Thrust, 1K-10K± 0.04
25K & 50K± 0.05
Deflection–Thrust, FS0.001 to 0.002 inches
	(depending on range)
Calibration–ThrustSame as 1200 Series
	Universal ¹
Deflection–Moment, FSfrom 20 seconds
	(depending on range)
Output–Moment, mV/VApprox. 1/2 of rated
	thrust output
Cross-Talk–Moment1% or less
Calibration Accuracy–Moment± 1%



DIMENSIONS

	MODEL			
	5210		5220	
	CAPACITY (lbf)			
	1K, 2K, 5K, 10K		25K, 50K	
	inch	mm	inch	mm
	Same as 1200 Series Universal (See Page 12)			

5200 Model	Rated Thrust (lbf)	Rated Moment (in-lbf)
5210XYZ-1K	1,000	400
5210XYZ-2K	2,000	800
5210XYZ-5K	5,000	1,000
5210XYZ-10K	10,000	2,000
5220XYZ-25K	25,000	10,000
5220XYZ-50K	50,000	20,000