

Technical Specification For Six axis force-moment loadcell

S.NO	SPECIFICATION	COMPLIED/NOT COMPLIED	CATALOGUE PAGE NO
1.	Technical Requirements: loadcell to measure 3 axis forces and 3 axis moments simultaneously.		
2.	Range:		
	Measurements	Value	
	F_z	~350 N	
	F_x, F_y	~100 N	
	M_z	~10 Nm	
	M_x, M_y	~10 Nm	
3.	Minimum resolution:		
	Measurements	Value	
	F_z	0.1 N	
	F_x, F_y	0.05 N	
	M_z	0.002 Nm	
	M_x, M_y	0.002 Nm	
4.	Overload Capacity:		
	Measurements	Value	
	F_z	> ± 3500 N	
	F_x, F_y	> ± 1000 N	
	M_z	> ± 50 Nm	
	M_x, M_y	> ± 50 Nm	
5.	Ingress Protection: The device should have IP60 level of ingress protection		

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified)