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Specifications

For Aurora Scientific Models: 315C/322C

Model #	315C	315C-I	322C	322C-I
Length Specifications				
Lever Arm Length [mm]	9	9	20	20
Length Excursion [mm]	3	3	6	6
Length Signal Resolution [micron]	0.5	0.5	0.5	0.5
Length Scale Factor ¹ [mm/Volt ±2%]	0.15	0.15	0.3	0.3
Length Signal Linearity ² [%]	99.5	99.5	99.9	99.9
Length Step Response Time ³ [millisecond]	0.25	0.5	0.4	0.8
Sinusoidal Frequency Response ⁴ [Hz]	2,400	1,600	1,500	900
Force Specifications				
Maximum Force [mN]	300	300	200	200
General Specifications				
Power Required	100, 120, 220, 240 VAC, 50/60 Hz. Available			
Power Consumption [W]	60	60	60	60
Controller Weight [kg]	2.7	2.7	2.7	2.7
Motor Weight [g]	27	27	43	43
Controller Dimensions [cm]	21W (1/2 rack mount) x 25D x 9H (2U)			

¹ Gain switch set to 1X

² Over full length excursion

³ 1 to 99%, critically damped

⁴ -3dB point