



Specifications

For Aurora Scientific Model: 300C

Model #	300C	300C-LR	305C	305C-LR	309C	310C	310C-LR
Length Control (Isometric) Mode							
Max. Force [N]	0.5	1.0	5.0	10.0	20.0	50.0	100.0
Torque Arm Length [cm]	3.0	3.0	4.0	4.0	6.0	8.0	8.0
Max. Arm Excursion [mm ptp]	10.0	10.0	20.0	20.0	30.0	40.0	40.0
Length Signal Resolution [micron]	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Length Change Step Response Time [millisec] 2	1.3	1.3	2.0	2.0	5.0	8.0	8.0
Sinusoidal Frequency Response (-3dB)[Hz]	530	530	330	330	135	90	90
Force Control (Isotonic) Mode							
Force Signal Resolution [mN] 4	0.3	0.3	1.0	1.0	4.0	10.0	10.0
Force Change Step Response Time [millisec] 2	1.3	1.3	2.0	2.0	4.0	8.0	8.0

Notes:

1. 2mm for 300C, 4mm for 305C, 6 mm for 309C, 8mm for 310C.
2. 1 to 99% critically damped.
3. Over any 2mm for 300C, 4mm for 305C, 6 mm for 309C, 8 mm for 310C.
4. Direction of operation CCW, factory set.