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Performance.
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Specifications

For Aurora Scientific Model: 315C/322C

Model #	315C	315C-I	322C	322C-I
Length Change Step Response Time [ms]	0.2	0.4	0.4	0.8
Length Sinusoidal Response (-3dB) [kHz]	2.4	1.6	1.5	0.9
Max. Force [mN]	50	50	100	100
Torque Arm Length [mm]	9	9	20	20
Max. Arm Excursion [mm ptp]	3.0	3.0	6.0	6.0
Length Signal Linearity [%] 2	0.1	0.1	0.1	0.1
Length Signal Linearity [%] 3	0.1	0.1	0.1	0.1
Length Signal Resolution [micron]	0.5	0.5	0.5	0.5
Length Out Scale Factor [mm/volt] 4	0.15	0.15	0.30	0.30

Notes:

1. 1 to 99% critically damped.
2. Over full excursion for 315C,315C-I, 322C, and 322C-I
3. Over full excursion.
4. Gain switch set to 1X.

Power Requirements:

120VAC \pm 10%, 50/60Hz, 0.5 amps max. 100, 220 and 240VAC available.

Cable Length Supplied:

Power Cable: 6 feet (1.8 m), Motor Cable: 10 feet (3.0 m).

Dimensions Electronics Enclosure:

3.5 in. (9 cm) high, 8.4 in. (21 cm) wide (1/2 rack), 10 in. (25 cm) deep.

Weight of electronics:

6 lbs (2.7 kg).