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## Specifications

For Aurora Scientific Model: 400A

Model #	400A	402A	403A	404A	405A	406A	407A
<b>Full Scale [± mN]</b>	50.0	500.0	5.0	100.0	10.0	0.5	1000.0
<b>Sensitivity [mN/volt]</b>	5.0	50.0	0.5	10.0	1.0	0.05	100.0
<b>Resolution [µN]</b>	1.0	10.0	0.1	2.0	0.2	0.01	20.0
<b>Step Response Time [millisec]</b>	0.3	0.1	1.0	0.3	1.0	5.0	0.1
<b>Resonant Frequency [Hz]</b>	2000	4000	600	2000	600	100	4000
<b>Compliance [micron/mN]</b>	0.1	0.01	1.0	0.1	1.0	10.0	0.01
<b>Zero Drift [µN/deg C]</b>	5.0	50.0	0.5	10.0	1.0	0.05	100.0
<b>Gain Drift [%/deg C]</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.01
<b>Hysteresis [%]</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.01
<b>Maximum Overload Force [mN]</b>	250	2500	100	250	100	20	2500
<b>Output Tube Length (L) [mm]</b>	7.0	7.0	7.0	7.0	7.0	2.0	7.0
<b>Output Tube Diameter (D) [mm]</b>	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Power Requirements:

120VAC, ±10%, 50/60Hz, 20 Watts max. 100, 220 and 240VAC available

Cable length supplied:

6 feet (1.8 m).

Dimensions of electronics:

3.5 in. (9 cm) high, 8.4 in. (21 cm) wide, 10 in. (25 cm) deep.

Weight of Electronics:

6 lb. (2.7 kg), Transducer Head: 0.26 lb. (0.12 kg).