



Specifications

For Aurora Scientific Model: 200B/201A

Model #	200B	201A
Detection Limit [ppb (propylene)]	50.0	
Operating Concentration Range [ppm]	Gain 1X: 0-625 Gain 5X: 0-125 Gain 10X: 0-60	Gain 1X: 0-625 N/A Gain 10X: 0-60
Frequency Response ¹ [Hz]	330	
Precision [%]	5 (all gain ranges)	
Sampling Flowrate [scm ²]	High: 1500 Med: 1200 Low: 900	1500
Suction Inlet Tube Diameter [mm]	0.84	
General Specifications		
Detector Technology	Photoionization	
Lamp Type	10.6 eV, RF-excited UV Electrodeless Discharge	
Operating Temperature [°C]	0 - 40	
Operating Humidity [%RH]	0 to 100 (non-condensing)	
Power Required	100, 120, 220, 240 VAC, 50/60 Hz. available	±18 VDC (Li-Ion Battery)
Power Consumption [W]	20	
Controller Weight [kg]	3.1	1.1
Head Weight [g]	170	
Head Dimensions [cm]	2.5W x 7.6L x 5.1H	
Controller Dimensions [cm]	21W (1/2 rack mount) x 25D x 9H (2U)	11W (1/4 rack mount) x 15D x 4.4H (1U)
Battery Dimensions [cm]	N/A	11W (1/4 rack mount) x 15D x 4.4H (1U)

¹ -3dB point

² Standard cubic centimeters per minute