

TABLE 1. *Concentration of carbon dioxide at various locations within a photosynthetic gas exchanger under steady-state conditions as a function of entrance gas concentration and flow rate*

Location	CO ₂ concn (% by vol)										
	55 ^a		135		290				320		
Entrance gas	2.07	2.90	1.02	2.11	2.94	0.53	2.10	0.54	1.03	2.10	2.93
Lower pCO ₂ electrode (Q)	0.30	0.89	0.24	1.08	2.05	0.19	1.81	—	—	—	—
Upper pCO ₂ electrode (R)	0.19	0.81	0.09	0.99	1.69	0.13	1.70	0.14	0.59	1.66	2.51
Exit gas	0.26	0.84	0.12	1.08	1.89	0.11	1.63	0.18	0.65	1.66	2.52

^a Represents flow rate in milliliters per minute.