

Specifications

Front

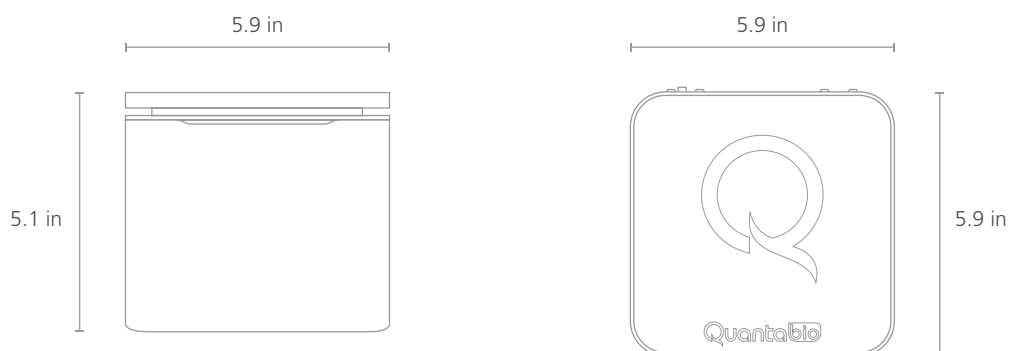


Back



Physical

Height	5.1 in
Width	5.9 in
Length	5.9 in
Weight	4.5 lbs



Thermal Performance

Temperature Accuracy	$\pm 0.25^{\circ}\text{C}$
Temperature Uniformity	$\pm 0.05^{\circ}\text{C}$
Ramp Rates	Heating 4°C/s / Cooling 3°C/s
Temperature Input Range	$40 - 99^{\circ}\text{C}$

Optical

Detectors	Photodiode per channel		
Excitation Sources	High power LED for each channel		
Channels	Green	Ex 465 nm	Em 510 nm
	Yellow	Ex 540 nm	Em 570 nm
	Orange	Ex 585 nm	Em 618 nm
	Red	Ex 635 nm	Em 675 nm
Acquisition Time	1 second		

Reaction Tubes

Samples per Instrument	48
Reaction Volume Range	5 – 30 μl

Operating Environment

Temperature	$18 - 35^{\circ}\text{C}$
Relative Humidity	20 – 80%