

## BioPen<sup>®</sup> PPC-1 Specifications

Pressure Controller	
Dimensions	258 mm (W) × 170 mm (L) × 55 mm (H) (10 in. × 7 in. × 2 in.)
Weight	1.9 kg (4.19 lb)
Cooling mode	Air cooled (natural convection, fan assisted)
Environmental conditions	For indoor laboratory use
Operating temperature	20°C to 30°C
Storage temperature	5°C to 35°C
Pneumatic connections	8 (4 for positive pressure, 4 for negative pressure) 4 rapid activated electronic valves switch each of the 4 pressure lines between the 2 pressure levels. Negative pressure pumps are each split to 2 connections
Number of negative pumps	2
Number of positive pressure pumps	2
Positive pressure range	0-450 mbar
Negative pressure range	-300-0 mbar
Pressure accuracy	± 5 mbar
Electricity specification	100-240 VAC 50/60 Hz
Electronic synchronization	5V TTL Out & In
Computer Requirement	
Operating system	Microsoft Windows 10, 8 and 7 (32 or 64 bit)
Hardware interface	USB 2.0 or higher
Touch screen	Optimized