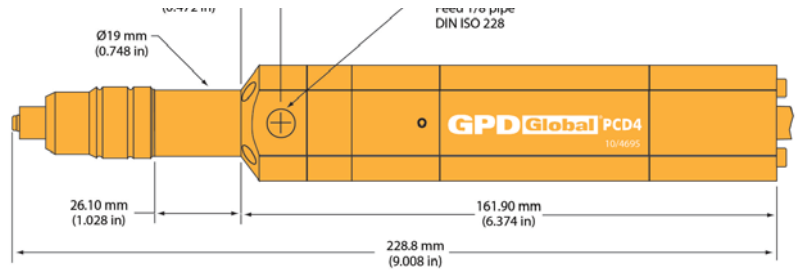


PCD Series

Technical Data

PCD4 Pump Specifications

Height	228.8 mm (9.008")
Diameter	Ø 34.80 mm (1.370")
Weight	approx. 420 g (.9 lbs)
Dispense volume per rotation	0.05 ml/rotation
Flow rate per minute **	0.004 to 6.0 ml/min
Minimum dispense amount ml *	0.004 ml
Precision ml ±, absolute *	±1%
Maximum primary pressure	0 - 6 bar (input pressure)
Maximum dispensing pressure	16 - 20 bar
Self-sealing ***	approx. 2 bar
Cable length	250 mm (10"), extension cable available
Dispense tip	Luer Nozzles - GPD Global recommends the high flow S Type Taper Tips



- * Reference medium approx. 1.000 mPas at 20° C (68° F).
- ** Dependant on the viscosity and primary pressure of the medium.
- ***Maximum dispensing pressure and self-sealing decrease with decreasing viscosity.

PCD3 Pump Specifications

Height	206 mm
Diameter	Ø 33 mm
Square	SQ 29x29 mm
Weight	approx. 380 g (.8 lbs)
Dispense volume per rotation	approx. 0.012 ml/rotation
Flow rate per minute **	0.12 to 1.48 ml/min
Minimum dispensing amount ml	0.001 ml
Dispensing precision *	±1%
Maximum primary pressure	0 - 6 bar with non-self-leveling liquid
Maximum dispensing pressure***	16 - 20 bar
Self-sealing *	approx. 2 bar
Cable length	250 mm (10"), extension cable available
Dispense tip	Luer Nozzles - GPD Global recommends the high flow S Type Taper Tips

- * Reference medium approx. 1.000 mPas at 20° C (68° F).
- ** Dependant on the viscosity and primary pressure of the medium.
- ***Maximum dispensing pressure and self-sealing decrease with decreasing viscosity and increase with increasing viscosity.

Table Top Controller Specifications



Dimensions (HxWxD)	100 mm x 240 mm x 260 mm (3.94" x 9.45" x 10.24")
Weight	approx. 1.3 kg (2.9 lbs)
Voltage.	24 V DC, power adapter supplied
Voltage Power Supply	120/240 V 50 / 60 Hz
Consumption / Rating	100 VA / 2.7 A
Communication Cables	Up to 1.3 m (51")
Operating Air Pressure	0 to 6 bar (0 to 87 psi)
Operating Temperatures	+10° C to +40° C (50° F to 104° F)

Systems Integration Specifications



Dimensions (HxWxD)	142 mm x 85 mm x 50 mm (5.59" x 3.35" x 1.97")
Weight	approx. 260 g (.6 lbs)
Inputs.	0 to 10 for speed control 24 V Forward enable 24 V Reverse enable
Voltage.	24 V DC
Voltage Power Supply (optional)	120/240 V 50 / 60 Hz
Consumption / rating	100 VA / 2.7 A
Valve speed range.	0.3 Volts to 10 Volts
Operating Temperatures	+10° C to +40° C (50° F to 104° F), air pressure 1 bar