DosiPump DP1000

Intelligent Controlled Peristaltic Pumps

Touch'n'Pump – easy programming and low pulsation

Data Input
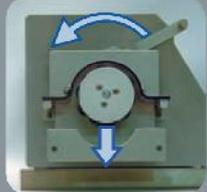
Easy - Load

10 Roller Head

Low Pulsation

Low Pulsation

Incorporating a unique 10-roller pump head, the DosiPump eliminates pulsation effects that are incumbent with many conventional peristaltic pumping systems. The result is a precise and reproducible liquid dose for volumes up to 9.9 litres with a $^+/-$ 0.1 ml tolerance.

Versatile and Easy to Use

Capable of single-volume dosing, dilutions, pipetting and multiple dosing. The easy-to-operate DosiPump provides the versatility to undertake any application requiring fast, reproducible and precise dispensing of liquids. Equipped with intuitive and intelligent software. Accessible via a convenient touch screen interface, any operator can be productively using the DosiPump after minimal instruction.

Sturdy Housing

Affordably priced the high performance DosiPump incorporates AntiDrop drip suppression technology preventing dripping between dispensing operations thus reducing the risk of contamination. Built to the highest Swiss quality standards, the DosiPump is simple to maintain and easy to clean and resistant to chemicals.

SWISS MADE

BIOTOOL *SWISS*
Innovative laboratory technology

Pump Model

Item No.		DP500 Eco # 690000	DP1000 # 700000	DP1000P # 710000	DP1000Pi # 720000
Modes					
• Flow/manual start-stop	Calibrated flow/min	● 10 – 500ml	● 40 – 900ml	● 40 – 900ml	● 40 – 900ml
• Dispense	Any desired sample volume	❍ Dosing time	● 1,0ml – 9.9l	● 1,0ml – 9.9l	● 1,0ml – 9.9l
	Any repeats of sample volume	● Yes	● max. 999 x	● max. 999 x	● max. 999 x
	Pause/Cycle pause in sec.	❍ / ● via USB	❍ / ● 0.1 – 9.9	❍ / ● 0.1 – 9.9	● / ● 0.1 – 9.9
• Multidispense	Series of any desired volumes	❍ / ● via USB	❍ _	❍	● 12 volumes
	Repeated Multidispense	❍ / ● via USB	❍	❍	● max. 999 x
• Pipette	Sample aspiration –> delivery	❍ / ● via USB	❍	❍	●
• Dilute	Sample + any diluent delivery	❍ / ● via USB	❍	❍	●
Calibration	Automatic volume correction	❍ / ● via USB	● easy cal.	● easy cal.	● easy cal.
Anti Drop	Auto-reverse mode	❍ / ● via USB	● 0 – 90°	● 0 – 90°	● 0 – 90°
Program memory	Capacity/complete programs	● M+ / MR	● 20	● 20	● 50
Pump Head	Double/Single/Rolls	Single, 3	Double, 10	Double, 10	Double, 10
Operation	User interface	Rotary switch	Touchscreen	Touchscreen	Touchscreen
Interfaces	Foot switch/Protocol printer	❍ / ●	❍ / ●	❍ / ● # 750000	● / ● # 750000
	PC Interface	● USB	❍	❍	● RS 232
	Software	● Labworldsoft	❍	❍	● BT Recorder
Housing	Sturdy metal housing/mm	115x275x205	● 305x275x205	● 305x275x205	● 305x275x205
Every pump consists of	Standard equipment	Power cord (plus € / US plug), 1 Manual, 1 Tube set, Package			

Accessoires

Foot Switch
101010

Glass gauge canula
179110   3x7 mm
179115   4x8 mm
179130 6x10 mm

Glass piece F/T
101025,   Glass-F
179100, Glass-F
179098, Glass-T

Rec. Software
700290 SW
700280 Cable

Stage bar
700270
When Pump body is
used as a stand

Dosiprint
750000 DosiPrint
750170 Paper R.

Tubes sets

Single tube set

Diameter (i/o)	Optimal Vol. range	max. Flow	Accuracy*	Item No.
2x6 mm	1 – 30ml	40ml/min	> 99%	# 179030
3x7 mm	5 – 50ml	80ml/min	> 99%	# 179035
4x8 mm	15 – 60ml	120ml/min	> 99%	# 179040
5x9 mm	30 – 100ml	200ml/min	> 99%	# 179045
6x10 mm	50 – 150ml	275ml/min	> 99%	# 179050
8x12 mm	75 – 400ml	350ml/min	> 99%	# 179055

Double tube set

Diameter (i/o)	Opt. Vol. range	max. Flow	Accuracy*	Item No.
3x7 mm	10 – 100ml	160ml/min	> 99%	# 179060
4x8 mm	20 – 120ml	240ml/min	> 99%	# 179065
5x9 mm	40 – 150ml	400ml/min	> 99%	# 179070
6x10 mm	60 – 400ml	550ml/min	> 99%	# 179075
8x12 mm	100 –9999ml	900ml/min	> 99%	# 179080

* The accuracy of the pump depends on the calibration, speed and tube guide. Delivery and suction tube should run horizontal.
Calibration- and pumping speed should be identical in calibration and run mode for optimal results (40 to 50 U/min).