

## Pump Model

	DP500 Eco	DP1000	DP1000P	DP1000Pi
<b>Item No.</b>	# 690000	# 700000	# 710000	# 720000
<b>Modes</b>				
• Flow/manual start-stop	Calibrated flow/min ● 10 – 500ml	● 40 – 900ml	● 40 – 900ml	● 40 – 900ml
• Dispense	Any desired sample volume ○ Dosing time ● Yes	● 0,1ml – 10l	● 0,1ml – 10l	● 0,1ml – 10l
	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	○	○	●
<b>Calibration</b>	Automatic volume correction ○ / ● via USB	● easy cal.	● easy cal.	● easy cal.
<b>Anti Drop</b>	Auto-reverse mode ○ / ● via USB	● 0 – 90°	● 0 – 90°	● 0 – 90°
<b>Program memory</b>	Capacity/complete programs ● M+ / MR	● 20	● 20	● 50
<b>Pump Head</b>	Double/Single/Rolls	Single, 3	Double, 10	Double, 10
<b>Operation</b>	User interface	Rotary switch	Touchscreen	Touchscreen
<b>Interfaces</b>	Foot switch/Protocol printer ○ / ●	○ / ●	○ / ● # 750000	● / ● # 750000
	PC Interface ● USB	○	○	● RS 232
	Software ● Labworldsoft	○	○	● BT Recorder
<b>Housing</b>	Sturdy metal housing/mm	115x275x205	● 305x275x205	● 305x275x205
<b>Every pump consists of</b>	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 – 999ml	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).

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