

Masterflex® Microflex® Digital Pump with Single-Channel Pump Head for Microbore Tubing, 300 rpm; 115/230 VAC

Item No. 77123-00 EU Version

- Digital interface with graphical LCD shows pump performance and operating mode — continuous run, timed dispense, copy dispense, or volume dispense Remote control available using analog communication—voltage, current and contact closure
- Icon driven menu allows quick, user-friendly for programming and operation
- Dispense by Volume in ml (0.00013 to 43 mL), L, or gal; Copy—1 to 9,999 dispense cycles; or Time — time interval of on/off cycles (1 sec to 99 hr, 59 min, 59 sec per cycle)
- Brushless, maintenance-free motor offers $\pm 0.1\%$ speed control accuracy with a 3000 to 1 turndown ratio
- Pump head accepts continuous lengths of microbore tubing for clean flow paths



Small footprint digital drive delivers accurate low flow over a wide range.

This compact peristaltic pump features a durable, stackable ABS housing that is easy to wipe down and keep clean. The Microflex® pump head features three rollers and a wide occlusion angle that prevents fluid backflow up to the rated pressure of the tubing. Self-lubricating thermoplastic polyester rollers are low friction and long wearing for smooth operation and long life.

No. of Channels	1
Plug type	EU
Max. flow rate	43 ml/min
Height	157 mm (6.2")
Length	205 mm (8.1")
Width	140 mm (5.5")
Power	115/230 VAC; 50/60 Hz; 0.34 A

Includes

Includes C/L Microflex pump head and dual-voltage (115/230 VAC) benchtop power supply with IEC320/CEE22 socket. Pump is shipped with cord/plug assembly specific to country of destination.

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Max. RPM	300 rpm
No. of rollers	3
Control Type	Digital
IP Rating	IP 33
Min. RPM	0,1 rpm
Pump series	C/L
Reversible motor	Yes
Speed control	±0.1%
Tubing sizes accepted	0.19, 0.25, 0.51, 0.89, 1.14, 1.42, 2.06, and 2.79 mm ID microbore tubing
Volume per revolution with 0.19 mm ID tubing	0.0013 ml
Volume per revolution with 0.25 mm ID tubing	0.002 ml
Volume per revolution with 0.51 mm ID tubing	0.009 ml
Volume per revolution with 0.89 mm ID tubing	0.03 ml
Volume per revolution with 1.14 mm ID tubing	0.04 ml
Volume per revolution with 1.42 mm ID tubing	0.06 ml
Volume per revolution with 2.06 mm ID tubing	0.11 ml
Volume per revolution with 2.79 mm ID tubing	0.14 ml
Washdown capable	No
Warranty	2 years

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