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Fiedler Scientific Instruments, s.r.o.
H. Malířové 1, 638 00 Brno, Czech Republic
info@pristroje.cz

Masterflex® Ismatec® Microflex Variable-Speed Pumps

Model	77122-30
Plug type	EU
Max. flow rate	1.65 ml/min
Height	114 mm (4.5″)
Length	172 mm (6.75″)
Width	134 mm (5.25″)
Pump Head	Microflex
Power	90 - 260 VAC; 50/60 Hz; 0.4 A @ 115 V; 0.25 A @ 230 V
Max. RPM	10 rpm

Key Features

- Polyphenylene sulfide (PPS), acetal, and copolyester pump head with four stainless steel (SS) rollers
- Pumps accept continuous lengths of tubing for a clean, uninterrupted flow path with no fittings.
- Separate single-turn speed control and cw/off/ccw switch with green LED power indicator—maintain speed setting when you turn pump on/off or reverse direction.
- Reversible permanent magnet DC motor; purge fluid before or after pumping; pump fluid in either direction.
- Remote control connections on back of pump; start/stop pump with a contact closure.

Housing material	Painted steel
No. of Channels	1
No. of rollers	4
Control Type	Analog
Max. flow rate per channel	1.65 ml/min
Drive IP rating	IP 22
Anti-drip	No
Cloud connected	No
Digital dispensing	No
Drive	Compact Variable-Speed
Duty Cycle	Continuous
Min. RPM	1,7 rpm
Open-head sensor	No
Remote I/O	Start/Stop via Contact Closure
Reversible motor	Yes
Series	Microflex
Tubing sizes accepted	Microbore 0.19, 0.25, 0.51, 0.89, 1.14, 1.42, 2.06, 2.79 mm ID
Washdown capable	No
Min. flow rate per channel	0.002 ml/min
Current	0.4 A @ 115 V; 0.25 A @ 230 V
Frequency	50/60 Hz
Voltage	90 - 260 VAC
Warranty	2 years

Easy-to-use low-flow pumps feature reversible pumping, remote start/stop, and rapid tubing changes.

These easy-to-use pumps feature reversible pumping, remote control capabilities, and rapid tubing changes. Ideal for consistent fluid delivery in analyzer and other low-flow laboratory pumping applications. The quick-loading Microflex pump head has average fixed occlusion for tubing; no occlusion adjustments required.

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