



Improving your PERFORMANCE

101U/R auto/manual control variable speed pump

Technical information

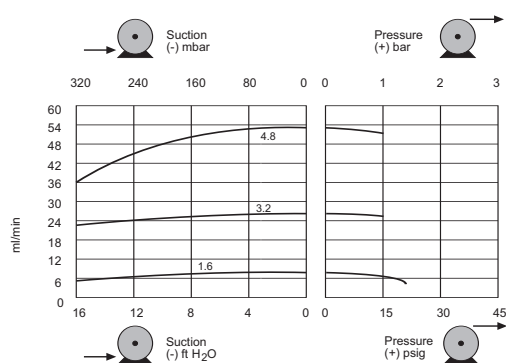
- Flow rates from 0.001ml/min to 53.0ml/min
- Switching for power, direction and maximum speed priming
- 0-5V dc tachometer output
- Accepts TTL and analogue auto-control signals up to 65V or 32mA
- Selectable dual voltage operation 110-120V/220-240V
- Rapid and simple tube loading 102R pumphead
- Five tube bore sizes in Platinum-cured Silicone

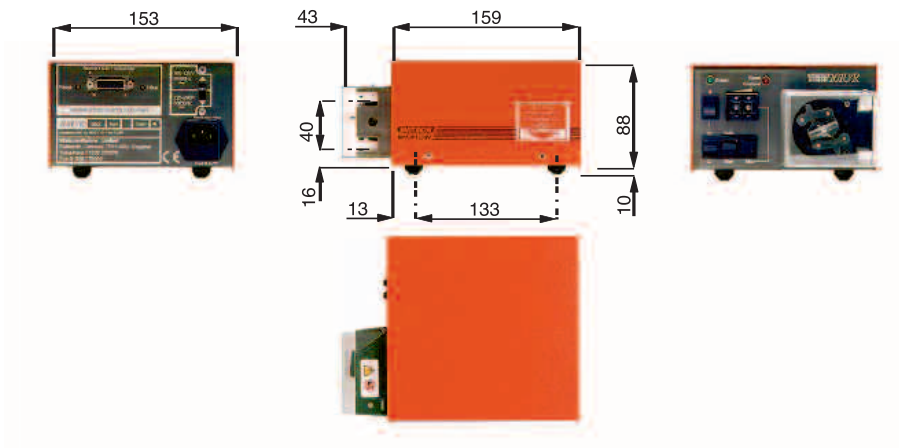


Flow rate ranges (ml/min)

	Tube bore and flow rates (ml/min)					
	Speed rpm	0.5mm	0.8mm	1.6mm	3.2mm	4.8mm
101U/R	0.06 - 2	0.001-0.04	0.003-0.10	0.13-0.44	0.049-1.62	0.098-3.25
101U/R	1.0 - 32	0.021-0.69	0.048-1.61	0.210-7.00	0.780-26.0	1.590-53.0

102R pumphead performance curve





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Product codes		
101U/R 0.06-2 rpm	Drive and twin-roller pumphead for 1.6mm wall tubing	010.4002.00U
101U/R 1.0-32 rpm	Drive and twin-roller pumphead for 1.6mm wall tubing	010.4202.00U

Tube ordering codes	
Bore/wall (mm)	Platinum Silicone
0.5 / 1.6	913.A005.016
0.8 / 1.6	913.A008.016
1.6 / 1.6	913.A016.016
3.2 / 1.6	913.A032.016
4.8 / 1.6	913.A048.016

Please state the product code when ordering pumps and tubing

Specification

Weight	2.2kg
Operational temperature range	5°C à 40°C
Standards	CE, BS EN 50082-1, BS EN61010-1, BS EN60529 (IP21)
Supply	1ph, 100-120V, 220-240V 50/60Hz, 15VA

Materials of construction

Drive	Powder coated cover painted steel chassis
Track	Acetal copolymer Kematal or PVDF
Rotor	IXEF (Polyarylamide)
Tube clamps	Acetal copolymer Kematal
Rollers	MOS2 filled Nylon 6 (Nylatron)
Guard	Polycarbonate
Spindles guide pins	Stainless steel



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