



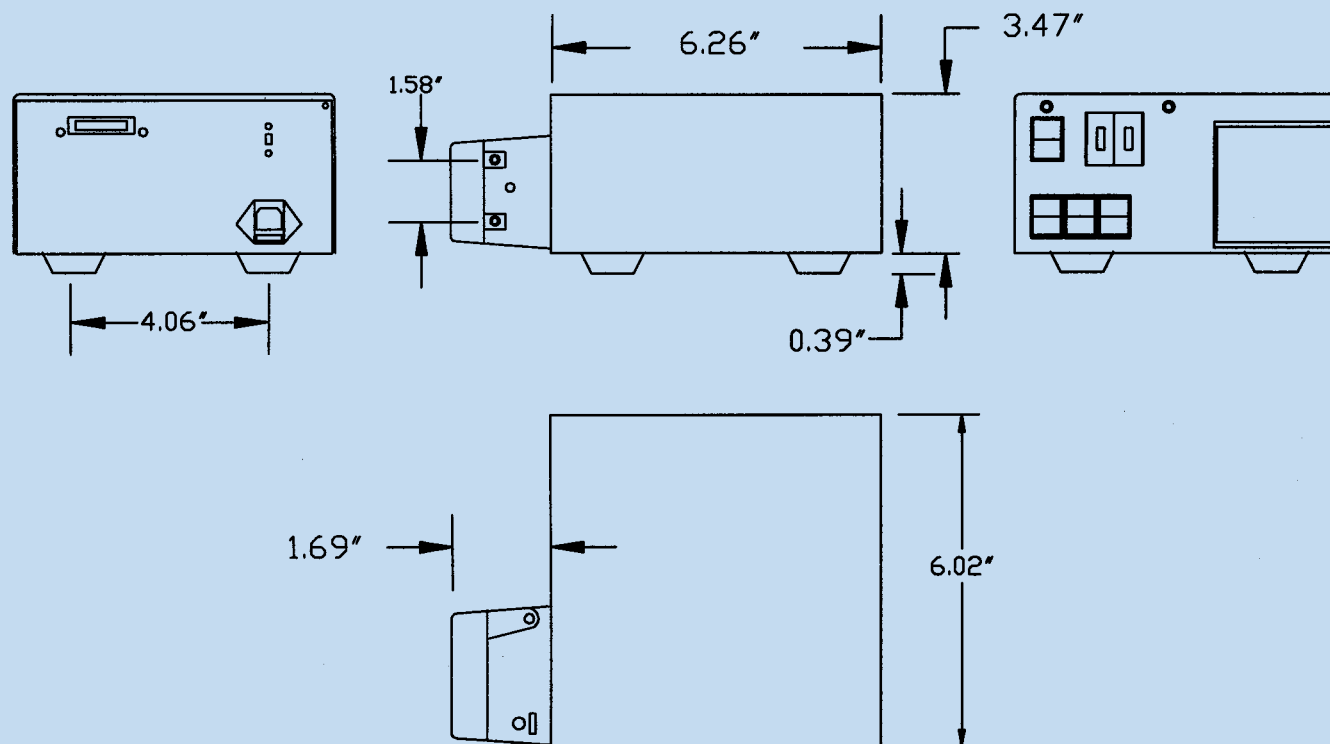
101U/R

Technical Information and Features

- Flow rates from 0.001 up to 53ml/min (.0002 - 20.2gpd)
- Manual speed control via digital potentiometer
- Remote speed control via analog signals up to 30V or 32mA, or potentiometer
- Manual control of stop/start, direction and priming via front panel switches
- Remote operation of start/stop, forward/reverse, auto/manual mode via contact or TTL switching
- 0-5V DC analog tachometer output
- 15 pin D connection for analog control
- Reversible
- Fitted with the 102R twin sprung roller pumphead
- Continuous 24 hour duty rated
- Accepts tube sizes #112, 13, 14, 16, 25 (0.5 to 4.8mm bore & 1.6mm wall)
- May be operated with silicone tubing only

Flow rate ranges (ml/min)

Tube number	#112	#13	#14	#16	#25
Tube Bore	0.5mm	0.8mm	1.6mm	3.2mm	4.8mm
	1/50"	1/32"	1/16"	1/8"	3/16"
Speed Range					
0.06 - 2rpm	0.001 - 0.04	0.003 - 0.10	0.013 - 0.44	0.049 - 1.62	0.098 - 3.25
1.0 - 32rpm	0.021 - 0.69	0.048 - 1.61	0.210 - 7.00	0.780 - 26.0	1.590 - 53.0



101U/R Specifications

Shipping Weight: 8lbs
Maximum Power Consumption: 15VA
Supply: 100-120/220-240V 50/60Hz
Maximum Rotor Speeds: 2rpm or 32rpm
Enclosure: IP21
Operational Temperature Range: 0C to 40C
Control Range: >32:1
Noise: <70dBA at 1 meter
Standards: In Conformity with CE
Machinery Directive 89/392/EEC, EN60204-1
Low Voltage Directive 73/23/EEC, EN61010-1
EMC Directive 89/336/EEC, EN50081-1/EN50082-1
Product Code: 2rpm 010.4002.000
 32rpm 010.4202.000

Materials of Construction

Track: Delrin, PVDF optional, Delrin tube clamps
Rotor: IXEF (polyarylamide) engineering plastic, Nylatron rollers
Guard: Polycarbonate
Drive: Epoxy coated cold rolled steel
Hardware: 316 Stainless Steel



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