

Specifications

Make	:	RAVEL
No. of Channel	:	One
RPM	:	0.001 to 180
Flow Rate	:	0.006 to 4500 ml/min
Tubing	:	5 to 12 mm I.D. with 2 to 2.5 mm wall thickness
M.O.C. of the pump head		
Outer ARM	:	Anodised Aluminium
ARM Cover	:	Transparent Polycarbonate
Rotor	:	S.S.304
Rollers	:	S.S.316
Enclosure	:	Stainless Steel
Motor	:	DC Stepper Motor (Cont. Duty)
Pressure	:	Up to 2 Kg/Sq. Cm
Accuracy	:	+/- 1 %
Supply	:	230v, 50Hz, Single phase AC supply, 90 Watt
Dimension	:	230 x 140 x 220 mm (H x W x D)
Weight	:	10 Kgs (App.)



Controls

1. **ON/OFF** switch with built in indication for AC input
2. Microcontroller Based Control Circuit
3. Precise **PWM** based DC Stepper Motor Drive (**Cont. Duty**)
4. Three digit, seven segment **LED display** for RPM readout
5. Soft touch keypad for ON/OFF, Increase, Decrease Priming and Direction reversal.
6. **Auto/Manual** modes of speed variation
 - Auto : Speed variation by means of **external 4...20mA** signal
 - Manual : Speed variation from the front panel keypad
7. Provision for **external ON/OFF** control by means of a Foot Switch or from the PLC.

RPM Range selection	Flow rate (ml/min) for Various ID Tubing				
	5 mm	6 mm	8 mm	10 mm	12 mm
0.001 to 0.999	0.006 to 6	0.0075 to 7.5	0.0125 to 12.5	0.0175 to 17.5	0.025 to 25
0.01 to 9.99	0.06 to 60	0.075 to 75	0.125 to 125	0.175 to 175	0.25 to 250
0.1 to 99.9	0.6 to 600	0.75 to 750	1.25 to 1250	1.75 to 1750	2.5 to 2500
1 to 180	6 to 1080	7.5 to 1350	12.5 to 2250	17.5 to 3150	25 to 4500

