

Specifications

Make	:	RAVEL
No. of Channel	:	One
RPM	:	0.001 to 200
Flow Rate	:	0.002 to 2000 ml/min
Tubing	:	3 to 8 mm I.D. with 1.5 to 2 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, 60 Watt
Dimension	:	230 x 140 x 220 mm (H x W x D)
Weight	:	9 Kgs (App.)



Controls

- ON/OFF** switch with built in indication for AC input
- Microcontroller Based Control Circuit
- Precise **PWM** based DC Stepper Motor Drive **(Cont. Duty)**
- Three digit, seven segment **LED display** for RPM readout
- Soft touch keypad for ON/OFF, Increase, Decrease Priming and Direction reversal.
- Auto/Manual** modes of speed variation
 - Auto : Speed variation by means of **external 4...20mA** signal
 - Manual : Speed variation from the front panel keypad
- 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				
	3 mm	4 mm	5 mm	6 mm	8 mm
0.001 to 0.999	0.002 to 1.2	0.0035 to 3.5	0.0045 to 4.5	0.006 to 6	0.01 to 10
0.01 to 9.99	0.02 to 20	0.035 to 35	0.045 to 45	0.06 to 60	0.1 to 100
0.1 to 99.9	0.2 to 200	0.35 to 350	0.45 to 450	0.6 to 600	1 to 1000
1 to 200	2 to 400	3.5 to 700	4.5 to 900	6 to 1200	10 to 2000