

## Specifications

Make	:	<b>RAVEL</b>
No. of Channel	:	One
RPM	:	0.001 to 200
Flow Rate	:	0.0002 to 500 ml/min
Tubing	:	1 to 5 mm I.D. with 1 to 1.5 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 <b>(Cont. Duty)</b>
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	:	8.5 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				
	1 mm	2 mm	3 mm	4 mm	5 mm
0.001 to 0.999	0.0002 to 0.2	0.0004 to 0.4	0.001 to 1	0.0016 to 1.6	<b>0.0025 to 2.5</b>
0.01 to 9.99	0.002 to 2	0.004 to 4	0.01 to 10	0.016 to 16	<b>0.025 to 25</b>
0.1 to 99.9	0.02 to 20	0.04 to 40	0.1 to 100	0.16 to 160	<b>0.25 to 250</b>
<b>1 to 200</b>	0.2 to 40	0.4 to 80	1 to 200	1.6 to 320	<b>2.5 to 500</b>