

**Specifications**

Make	: RAVEL
No. of Head	: One
Flow Rate	: 0.002 ml to 499.9 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	: Anodized 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 240 mm (H x W x D)
Weight	: 8 Kgs (App.)



**Controls**

1. **ON/OFF** switch with built in indication for AC input.
2. **Microcontroller** based control circuits, Precise **PWM** DC Stepper Motor Driver (**Cont. Duty**)
3. 8-character, single line, 5 x 7 dot matrix, menu driven **Liquid Crystal Display**.
4. Soft touch keypad for ON/OFF, Menu, Digit select, Increase, Priming and Direction reversal.
5. Auto Stop with audible Alarm after the completion of set Parameters.
6. Advanced **EEPROM** technology for data storage. Memory retention of the stored parameters for more than five years **without any battery backup**
7. Provision for **external ON/OFF** control by means of a **Foot Switch** or from the **PLC**.
8. Programmable Four Operating Modes
  - a. **Mode 1 : Flow rate and Volume (Default)**  
(Flow rate - 0.1 to 499.9 ml/min, Set Volume - 0 to 99.99 / 999.9 / 9999 ml,  
OFF Timer - 0 to 99 : 59 : 59 (Hr : min : Sec))
  - b. **Mode 2 : Flow rate and ON / OFF Timer**  
(Flow rate - 0.1 to 499.9 ml/min, ON / OFF Timer - 0 to 99 : 59 : 59 (Hr : min : Sec))
  - c. **Mode 3 : RPM and ON / OFF Timer**  
(RPM - 0.01 to 99.99 / 0.1 to 199.9, ON / OFF Timer - 0 to 99 : 59 : 59 (Hr : min : Sec))
  - d. **Mode 4: RPM and Volume**  
(RPM - 0.01 to 99.99 / 0.1 to 199.9, Set Volume - 0 to 99.99 / 999.9 / 9999 ml,  
OFF Timer - 0 to 99 : 59 : 59 (Hr : min : Sec))