

Specifications

Make	: RAVEL
No. of Head	: One
Flow Rate	: 0.0015 ml to 99.9 ml/min
Tubing	: 1 to 3 mm I.D. with 1 mm wall thickness
M.O.C. of the Pump Head	
Outer ARM	: Polyphenylene Sulfide (PPS)
ARM Cover	: Transparent Polycarbonate
Rotor	: Polyphenylene Sulfide (PPS)
Rollers	: Polyoxymethylene (POM)
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, 40 Watt
Dimension	: 230 x 140 x 240 mm (H x W x D)
Weight	: 7.5 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 99.9 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 99.9 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, ON / OFF Timer - 0 to 99 : 59 : 59 (Hr : min : Sec))
 - d. **Mode 4 : RPM and Volume**
(RPM - 0.01 to 99.99, Set Volume - 0 to 99.99 / 999.9 / 9999 ml,
OFF Timer - 0 to 99 : 59 : 59 (Hr : min : Sec))