

**i150 Pump - TECHNICAL SPECIFICATION****Functions**

|                        |   |
|------------------------|---|
| Compatible Pump Heads  | C1 R3 single channel pump head with 3 rollers<br>Flow Rate 0.06 to 366ml/min<br>B2 R10 two channel pump head with 10 rollers<br>Flow Rate: 0.045 to 32ml/min<br>B4 R6 four channel pump head with six rollers<br>(for use at reduced maximum speed of 50rpm)<br>Flow Rate: 0.06 to 24ml/min |
| External Controls      | Start/Stop<br>CW/CCW<br>Speed Analogue input 0-5V, 0-10V, 4-20mA or 0-10KHz   |
| Prime                  | For fast filling and emptying   |
| Speed Control          | The speed can be adjusted manually or automatically through the external control interface or with the iPumps software  |
| Display                | Current rpm<br>Direction<br>Running status<br>External Control  |
| Direction Control      | CW and CCW reversible   |
| Communication Function | RS485 and USB optional  |
| Memory Function        | Running parameters stored automatically (the running status must stay for at least 5 seconds)   |

**Specifications**

|                                      |  |
|--------------------------------------|--|
| Speed                                | 0.1 to 100 rpm   |
| Speed Precision                      | 0.1 rpm  |
| Speed Adjustment                     | Membrane keypad continuously adjustable                  |
| Display Mode                         | 3 digit LED displays current running rpm                 |
| Acceptable Voltage Input             | 90 to 260 VAC, 50/60 Hz                                  |
| Power Consumption                    | Less than 30 Watts                                       |
| Operating Conditions                 | Temperature 0 to 40°C<br>Relative humidity less than 80% |
| Dimensions (Drive only)<br>L x W x H | 232 x 142 x 149 mm                                       |
| Weight (Drive only)                  | 2.3 kgs  |
| IP Rating                            | IP31   |